

Vhf-Uhf DIGEST

The Official Publication of the Worldwide TV-FM DX Association

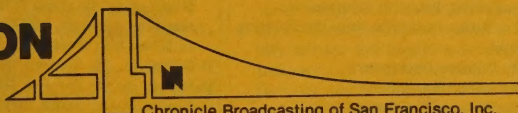
W.T.F.D.A. Headquarters, P.O. Box 514, Buffalo, NY 14205

SEPTEMBER

1987

KBHK TV44

KRON



Chronicle Broadcasting of San Francisco, Inc.
P.O. Box 3412 • 1001 Van Ness Avenue
San Francisco, California 94119



1800 So. Broadway
Eureka, Ca
95501

A CBS AFFILIATE



KRCB TV
Community Public Television
for the North Bay
P.O. Box 2638
Rohnert Park, CA 94928
(707) 585-9522

KCBA Television
Post Office Box 3560
Salinas, CA 93912-3560



TV logos are from; Pete Taylor (TAYLOR COMMUNICATION) San Francisco, CA

TELEVISION NEWS

BW Fohrer, editor
336 Atlantic Street
Bridgeton, NJ, 08302

APPLICATIONS FOR NEW TELEVISION STATIONS

ST CH ERP HAAT CITY/APPLICANT

AL 22 5000 2001 Tuskegee; Tuskegee Associates
AL 22 5000 1197 Tuskegee; Tuskegee Television
CA 7 316 1588 El Centro; Imperial Valley Broadcasting
Ltd. Partnership
CA 7 316 895 El Centro; La Paz Wireless Corporation
CA 7 316 1417 El Centro; SICC Holding Corporation
CA 61 5000 1253 Porterville; Arthur C. Kralowec
CA 31 65 1713 Twentynine Palms; Carter Broadcasting Corporation
CA 31 15.8 272 Twentynine Palms; Desert 31 Television Inc.
CA 31 5000 440 Twentynine Palms; Twentynine Palms Broadcasting
Corporation
CO 25 5000 1089 Longmont; Colorado Broadcasters
CO 25 250 156 Longmont; Echonet Corporation
HI 14 10 -305 Hilo; King Broadcasting Company
IA 22 3357 817 Waterloo; Waterloo Television
KS 5 100 1007 Liberal; Kansas Broadcasting Systems Inc.
LA 62 5000 695 Hammond; Florida Parishes Television Ltd.
MI 18 67.6 269 Jackson; Jackson TV Company
NC 47 1300 1023 Rocky Mount; Family Broadcasting
Enterprises (amended)
OK 45 5000 430 Lawton; Barton W. Ratliff
PA 53 166 935 Williamsport; MNM&K Inc.
PA 53 105 101 Williamsport; Williamsport TV Associates
PR 46 3291 1850 Guayama; Ministerio Radial Cristo Pronto Inc.
SC 21 5000 1989 Florence; Nagra Communications Corporation
TX 28 5000 1961 Bryan; Silent Minority Group
TX 2 n.c. 1683 Fredericksburg; TexStar Communications (amended)
WV 60 3000 974 Martinsburg; Ralph Alberetazzie
WI 57 641 403 Janesville; Tri-M Communications (amended)

CONSTRUCTION PERMITS GRANTED

ST CH ERP HAAT CITY/APPLICANT

AR 42 5000 765 Little Rock; Leininger-Geddes Partnership
(Review Board decision)
CA 29 1451 1678 Eureka; James & Sharon Deon Sepulveda
CA 38 2510 3000 Santa Barbara; Mission Broadcasting Corporation
(Review Board decision)
FL 67 5000 1004 Lake Worth; Hispanic Broadcasting Inc.
FL 45 5000 581 Leesburg; Central Florida Educational Television
Inc. (Summary decision)
FL 57 5000 1088 Live Oak; Frank A. Baker
FL 50 5000 1931 Tampa; Silver King Broadcasting of Tampa Inc.
(a.k.a. Home Shopping Network)
GA 23 5000 1517 Dalton; Dalton Television Associates Ltd.
NY 56 1000 326 Syracuse; Susan K. Panisch (correcting 6/87 VUD)
OR 34 4444 1050 Eugene; Telecasters of Eugene Inc.
SC 55 5000 1556 Rock Hill; Weisler Ltd. Partnership
(initial decision)
UT 13 60 3900 Salt Lake City; Mountain West Television Ltd.
(disregard CP grant recorded two years ago.)
VA 65 5000 876 Blacksburg; Southwest Virginia Television
WI 48 640 335 Chippewa Falls; Family Group Ltd. III

APPLICATIONS DISMISSED

AR Little Rock; ch. 42; Capitol Communications Corporation.
(Review Board decision)
CA Avalon; ch. 54; Catalina Television Partners (failure to
prosecute its application).
CA Eureka; ch. 29; Charles M. Lohr. (Initial decision)
CA Novato; ch. 68; North Bay Communications Inc.
CA Santa Barbara; ch. 38; Coast TV (reversing initial decision
which had preferred it on qualitative enhancement advantages);
Solar Television Inc. (upholding initial decision). (Review
Board decision, granting preference to Mission Broadcasting
Corporation on integration grounds)
FL Clermont; ch. 68; South Lake Communications Inc.
FL Key West; ch. 8; Florida Keys TV (at its request).
FL Live Oak; ch. 57; Cardwell-Bussey Partnership; H. James Sharp.
FL Orlando; ch. 27; Westlake Television Ltd.
FL Tampa; ch. 50; Associated Communications Corporation; Channel
50 Corporation; Grand Bay Television Ltd.; Jacaranda
Broadcasting Company Ltd.; Mary Ann S. Bohi; Tampa Bay
Broadcasting Ltd.; Tampa Fifty Ltd. (Settlement agreement;
remaining applicant, Gulfwind Broadcasting Ltd., was amended
to Silver King Broadcasting of Tampa.)
GA Dalton; ch. 23; Southern Television Inc. (Initial decision)
GA Monroe; ch. 63; Overview Communications Ltd.; Thaddeus Bishop;
Vernice Boozer; Walton World Communications.
IL Sparta; ch. 48; Rita S. Wyse.
NV Elko; ch. 10; Darryl Madlock.
OH Toledo; ch. 40; The Malendowski Partnership.
OK Guyton; ch. 9; Carl M. Fisher. (returned)
PR Fajardo; ch. 34; DeMays DeJesus.
PR San German; ch. 42; Freddie Gautier Broadcasting Company.
SC Rock Hill; ch. 55; Catawba Communications Inc.; Family 55 TV
Inc.; Koorz Communications Ltd. Partnership; Metrolina Media
Inc.; Moore Broadcast Industries Inc.; Rock Hill Telecasters
Associates Ltd.; Susan S. Mulkey. (Initial decision)
TX Fredericksburg; ch. 2; Johnnie B. Woodbury.
TX Greenville; ch. 47; Bill Richard Wright.
TX Rio Grande City; ch. 40; Jonco Broadcasting.
UT Salt Lake City; ch. 13; Intermountain Broadcasting Inc.; Salt
Lake City Family Television Partnership; Utah Television
Associates Ltd. Partnership.
VA Blacksburg; ch. 65; Cascade Television Ltd.; New River
Communications Inc.
VA Bluefield; ch. 40; Interface Productions Inc.; Paul Lambert.
WI Chippewa Falls; ch. 48; Dushland Radio Specialties.

CONSTRUCTION PERMITS CANCELLED

ST CH CALLS CITY

LA 11 KNNH Houma
MI 5 WHTA Calumet
TX 20 KLDS-TV Denison
TX 19 KLML Nacogdoches
TX 42 KLPH-TV Paris

APPLICATIONS TO MODIFY CONSTRUCTION PERMITS

ST CH ERP HAAT CALLS CITY

FL 15 708 576 WCEU New Smyrna Beach
OH 30 1353 778 WUXA Portsmouth
OR 32 3577 1786 KUTV Salem
TX 2 100 1405 KNCU-TV Amarillo
TX 49 5000 1774 KTFH Conroe (ex-KCJT)
WY 33 253 485 KKTU Cheyenne

CONSTRUCTION PERMIT MODIFICATIONS GRANTED

ST CH ERP HAAT CALLS CITY

FL 56 1147 509 WFSB Panama City (from ch. 22)
IA 63 219 190 KBTW Des Moines (from ch. 69)
RI 69 5000 1137 WOST-TV Block Island

APPLICATIONS TO CHANGE EXISTING FACILITIES

ST CH ERP HAAT CALLS CITY

CA 36 3930 2305 KICU-TV San Jose (cp)
CA 65 3060 2663 KLIV-TV San Jose (mp; recently went on the air;
probably technical adjustments)
MD 45 1292 1238 WBFF Baltimore (cp)
ME 7 316 1487 KMNE-TV Bassett (cp)
NC 36 5000 1933 MPCU-TV Charlotte (cp)

FACILITIES CHANGES GRANTED

FL Fort Myers; WIMK-TV, ch. 11; granted CP to increase antenna height 483' to 1478' AAT/1475' AG/1505' ASL; same TL or close to it; BT CIR. Should make some improvement to reception.

KY Beattyville; WLJC-TV, ch. 65; granted NP to reduce ERP from 93.1 kw max to 73.45 kw max; 662' AAT/501' AG/1578' ASL (185' higher ASL; I noticed that BROADCASTING magazine reported 646.2' AAT, closer to the 645' figure in the data base supplied by Larry Fuss.); same TL; BT HOR. Doesn't look like any change in coverage area.

LA West Monroe; KARD, ch. 14; granted LIC to cover CP for changes; ERP increased from 1050 kw max/938 kw hor to 5000 kw max; 1876' AAT/1888' AG/2008' ASL (1295' higher ASL); TL 5.5 miles west of Columbia, 1.5 miles south of Hwy 4; coordinates 32d-05'41"/92d-10'39" (Az. 183 degrees, 228.4 miles from former transmitter); DA BT HOR. Looks like a big boost for this station's coverage area, but if you haven't logged this yet at 1050 kw, your chances at 5000 kw may not be much better.

VA Richmond; WRLH-TV, ch. 35; granted CP to reduce ERP from 4335 kw max to 2588 kw max; 1259.2' AAT/1212' AG/1514' ASL (225' lower); same TL; BT HOR. Look for some reduction in coverage area.

WI Milwaukee; WWTW, ch. 18; granted CP to raise ERP from 2510 kw max/1020 kw hor to 5000 kw max; 986' AAT/1040' AG/1655' ASL (24' lower AAT, no available data to compare AG and ASL); same TL; DA BT HOR. No doubt there will be an increase in coverage area and picture quality to fringe areas, but when a station is already 2510 kw ERP, I wonder how much improvement there will be to DX.

CALL LETTER APPLICATIONS: NEW STATIONS

ST CH CALLS CITY/APPLICANT

IA 63 KBTW Des Moines; Home Town Broadcasters Inc. (ex-ch.69)
KS 18 KAAS-TV Salina; Channel 24 Ltd.
MN 22 KAWB Brainerd; Northern Minnesota Public Television Inc
WI 48 WEUX Chippewa Falls; Family Group Ltd.

CALL LETTER GRANTS: NEW STATIONS

ST CH CALLS CITY/APPLICANT

CA 48 KDOB-TV Bakersfield; Dorothy J. Owens
FL 49 WRTS-TV Tice; WTBH
FL 49 WRWY-TV Tice; WRTS-TV (short lived!)
OK 44 KGLB-TV Okmulgee; Brewer Communications Inc.
OR 22 KFTS Klamath Falls; Southern Oregon Public Broadcasting
PR 36 MDWL Bayamon; Bayamon Christian Network
SD 15 KBLO-TV Rapid City; Midcontinent Broadcasting Company
TN 58 WMAZ Nashville; Ruth Payne Carman
TX 42 KLTJ Baytown; KRTW
TX 49 KTFH Conroe; KCJT

CALL LETTER GRANTS: EXISTING STATIONS

ST CH CALLS CITY/APPLICANT

CA 68 KEFF-TV Los Angeles; KDDE
CA 46 KHSC Ontario; KINS-TV
LA 33 WSTG Baton Rouge; WRBT
TX 49 KHSI Irving; KLTH (Are they running Home Shopping Net?)

NEW STATIONS ON THE AIR

MD Hagerstown; WJAL, ch. 68; went on the air 5/4/1987; 5000 kw max ERP; 1335' AAT/275' AG/2275' ASL; TL State Road 16, 3 miles SSE of McConnellsburg PA; coordinates 39d-53'31"/77d-58'02"; BT HOR; address: Good Companion Broadcasting Company, 16948 Buchanan Trail Rest, Mercersburg PA 17236. Independent Christian station with syndicated programs. Tom Yingling confirmed that it's on the air, but from Bridgeton I have yet to get even a trace of it, even when the weaker Hagerstown stations on ch. 25 and 31 are coming in.

MN Redwood Falls; KRWF, ch. 43z, went on the air 4/14/1987; 1220 kw max ERP; 547' AAT/535' AG/1619' ASL; TL 3.6 miles ENE of the intersection of Highways 68 and 19; coordinates 44d-29'03"/95d-29'27"; DA BT HOR; address: Hubbard Broadcasting Inc., 3415 University Avenue, St. Paul MN 55114. ABC affiliate.

NY Buffalo; WNEB-TV, ch. #23z, went on the air 5/14/1987; 957 kw max ERP; 1007' AAT/1017' AG/ASL data uncertain due to total lack of consistency in the data of every application ever filed on this TL, but anywhere from 1490' to 1564'; TL 0.6 mile NNE of the intersection of Whitehaven and Harvey Roads in Grand Island (WNED-17 tower); coordinates 43d-01'48"/78d-55'15"; BT HOR; address: Western New York Public Broadcasting Association, 184 Barton St., Buffalo NY 14240; Educational station, PBS affiliate.

PR Ponce; WQTO, ch. #26z, reported on the air 11/30/1986 by Richard Clark; 434 kw max ERP; 991' AAT/213' AG/2247' ASL; TL 1 mile north of Santo Domingo; coordinates 18d-04'50"/66d-44'54"; DA BT HOR; address: Ana G. Mendez Educational Foundation, RD 176, Km 0.3, Rio Piedras PR; educational station.

PR San Juan; WSMJ-TV, ch. 24z, went on the air 2/15/87; 533 kw max ERP; 1963' AAT/276' AG/2703' ASL; TL 0.5 mile east of State (?) Road 186 in Cubuy Barrio; coordinates 18d-16'47"/65d-51'14"; DA BT HOR; address: Multi-Media TV Inc., 1550 Ponce de Leon, San Juan PR 00963. Independent station.

TN Cleveland; WFLI-TV, ch. 53z, went on the air 5/25/1987; 1306 kw max ERP; 1169' AAT/1013' AG/2023' ASL; coordinates 34d-55'57"/84d-58'32" (which plotted is in the northern part of Whitfield County, Georgia between Cohutta and Varnell); DA BT HOR; address: 4654 Cohutta-Varnell Road, Cohutta GA 30710. Independent station.

FORUM

Several articles from W.R. McIntosh (Granada Hills CA) that I didn't get to last month. The 4/6/76 Los Angeles Times reports that WNET ((ch. 13 in Newark NJ), the country's largest public television station, has a new president: William F. Baker, president of Group W Broadcasting. As a manager, fund-raiser, broadcaster and producer, it is hoped that he will fulfill WNET's two objectives: financial stability and production of 40% of national prime-time programming for public television.

The 4/1 Times reports that KTLA (ch. 5, Los Angeles) is broadcasting Los Angeles Dodgers games in both Spanish and English, using the SAP channel.

According to the 4/30 Los Angeles Times, representative Jim Slattery of Kansas, one of eleven members of the telecommunications subcommittee of the House Energy and Commerce Committee, is calling on federal lawmakers to place a ban on future buyouts of television networks by defense contractors, and wants General Electric, the nation's second largest defense contractor, to sell off NBC. He questions NBC's ability to objectively report on such matters as Strategic Defense Initiative without the appearance of a conflict of interest. NBC News president Lawrence Grossman replied that NBC's previous owner, RCA Corporation, was also a defense contractor, yet exerted no influence over news coverage by that network. The subcommittee has been looking into current trends in television news resulting from deregulation and the use of marketplace forces. The 5/1 Times continues the subject, reporting that the subcommittee made several proposals that would allow Congress to restrict certain activities that could affect news coverage: The Fairness in Broadcasting Act of 1987, if passed, would force broadcasters to obey the Fairness Doctrine, which the FCC has recently been disregarding. The Tender Offer Reform Act of 1987 could hinder or prevent hostile takeovers of broadcast networks.

Sore Loser department in the 6/5 Times. You remember that decision by the FCC to allow Spanish International Communications Corporation to sell its television stations to Hallmark Cards Corporation and First Capital Corporation for \$301 million? A Latino congressman, and several Latino businessmen and community organizations are still objecting to the sale. "Vowing to take their flight to the FCC's Mass Media Bureau, which must now rule on whether to approve the sale of the Spanish International stations, the opponents accused the regulatory agency of violating its own procedures and of weakening its policies designed to increase minority ownership of broadcast outlets. 'The renewal of the licenses is a further violation of their [the FCC's] own procedures,' because it rewards Spanish International for violating the U.S. law that limits foreign investment in broadcast outlets to 20%, said Rep. Matthew Martinez (D-Calif). Martinez, of Monterey Park, noted that an FCC administrative law

judge had refused to renew Spanish International's licenses last year because the judge found that Mexican media magnate Emilio Azcarraga Milmo and his family effectively controlled the stations through a combination of programming and financial ties without directly violating the 20% limit."

The ratings war is taking on dirty proportions. From the 6/5 Times: "The television business used to be genteel in Minneapolis. Broadcasters called each other by their nicknames and mingled at trade functions on weekdays and lakeside barbecues on weekends. But relations turned frigid as a prairie pond in winter last month when KARE-TV blanketed the city with letters asking residents to watch its programs, then fill out and return a 'research' survey. The reaction from KARE's competitors was explosive; the mailing came amid the so-called May 'sweeps,' when ratings services gather audience-viewing data that determines how much stations will charge for advertising. 'This is not a survey; this is a blatant attempt to boost their ratings,' said James Rupp, president of CBS affiliate WCCO-TV. 'They should be thrown out of the ratings book.' Rupp's complaint must have sounded familiar to Los Angeles broadcasters this week, in light of Wednesday's disclosure that A.C. Nielsen Co. will cancel some May sweeps ratings because of a KABC special series that competitors said unfairly boosted the ratings of KABC's 11 p.m. 'Eyewitness News.' The eight-part series profiled the Nielsen 'families' whose viewing habits are recorded to calculate the ratings. In the competitors' eyes, the subject was a sure-fire viewing lure for Nielsen's families - and thus a bad attempt to manipulate the ratings. Both stations' efforts are examples of activities that have become all too common in the rough-and-tumble world of local television, broadcasters say. Efforts at ratings manipulation - known in the industry's vernacular as 'hyping' - are chronic and increasing, they say. Local broadcasters have, of course, for years attempted to boost their audiences with appealing programs during the four times each year when the ratings services gauge local audience levels. Racy news documentaries, movies and other special programming have become a regular feature of the sweeps months of February, May, July and November.

The 4/6 Los Angeles Times has an editorial giving some of the background on the PTL scandal and the fund raising methods of some of the television preachers. Then the editor gives his comments: "Preachers pulling the plug? Never. The TV industry wouldn't like that, for such preachers...pump a reported \$1 billion annually into local TV stations and cable operators. What's more, they and their pitches belong on TV. They fit. They're family. They have all the proper tools. They act. They weep. They sell. Everyone's talking about TV's wave of home shopping programs. Actually, TV's been in the home shopping business since its inception. TV is nothing if not a huckster heaven, from Oral Roberts

to oral hygiene, a place for selling religion along with toothpaste. In a broad sense, TV is a turnstile that pushes viewers on to advertisers. In a narrow sense, it's largely a series of billboards, most of them unannounced. A TV commercial is more than a message from Madison Avenue. It is Ronald Reagan selling himself to the electorate, Alan Cranston turning his hair orange for the camera and Geraldo Rivera selling himself to anyone who will watch." The list goes on.

Mc also sent in a brochure from KDDE, ch. 68 in Los Angeles (now KEEF-TV). "We are authorized by the [FCC] and are proceeding to operate a new full power (1.3 million watts) station on Channel 68 licensed to Los Angeles. The station's transmission equipment will be located atop Mt. Wilson, 6,000 feet above Los Angeles at the Los Angeles 'Television Farm' where twelve of the fifteen L.A. market stations' transmission facilities are similarly located. From this perch, KDDE-TV will place a Grade A signal over all of Los Angeles and Orange Counties and portions of San Bernardino and Riverside Counties." "We at KDDE-TV believe that the communications media explosion presents the opportunity to offer specialized television networks and stations.... KDDE-TV will meet this challenge by offering programs not generally available. The programs will focus primarily on two distinct formats: Black and International fare. The Black-formatted programs will be informational, educational, cultural and entertainment." "The International fare will spotlight movies and news programs from African, Korean, Japanese, Filipino and Hispanic sources-producers." This next part sounds interesting: "New techniques and deregulation have created opportunities for the simultaneous re-broadcast of the signal of the signal of KDDE-TV in other markets across the country. KDDE-TV is marrying satellite distribution with TV translators." (description of translators follows) "The result is that when satellite-connected, a single station such as KDDE-TV can rebroadcast its signal live into distant markets. Meeting this challenge, KDDE-TV has options to purchase licenses for or to lease the facilities of and/or rebroadcast its programming in Memphis, Charleston, Wilmington, Austin, Shreveport, Milwaukee and New Orleans. Additionally, KDDE-TV is seeking other options to purchase translator stations in up to 20 other major markets." The station is a PBS affiliate, but evidently will be selling air time to program producers and distributors.

DAVE SINCLAIR (Vancouver BC) sent a copy of a letter from Dean Woodring, VP and GM of KTTZ-TV (ch.22, Seattle WA) to the CRTC, asking it to reconsider its decision not to allow KTTZ to be carried by Vancouver cable television companies. Woodring argues that, as an independent station, KTTZ-TV offers baseball, basketball, hockey and hydroplane races which are popular among Canadians. He also reminds the CRTC that its decision will deprive Canadians of these sports.

Also, a letter from the GM of KONG-TV (ch.

16, Everett WA) says, "The station has been delayed due to environmental concerns over Non-ionizing Electromagnetic Energy in the proximity of the Cougar Mountain antenna farm where we have proposed to locate our tower and transmitting facility. We now think that this problem has been resolved and we will soon be able to move forward and begin construction soon. If all goes as planned, we could be on the air by mid-fall."

The 6/8 Globe & Mail reports on the continuing fight between two Chinese-language cable services competing for the Vancouver market. The two competitors are Cathay International and Chinavision Canada Corporation. The president of Cathay, the first of the two, argues that the CRTC should not have licensed Chinavision because the market is too small to support both. But Chinavision argues that Cathay is supposed to be a multilingual service, not a Chinese, and that the CRTC should have cancelled its license for not fulfilling its obligations. As it stands, the CRTC gave Cathay a temporary extension while it considers Cathay's non-fulfillment.

The 6/20 Globe & Mail reports on the latest with CKVU-TV in Vancouver. But first, is that station really on channel 10? This article calls it channel 13, and last month's VUD cover has the logo "vu13," even though the caption calls it channel 10. Anyway, the Supreme Court of British Columbia ordered the present owners of CKVU-TV to turn control of the station over to I.H. (Izzy) Asper. The present owners failed to convince the judge that there was a 112/31/86 deadline on the agreement of sale.

Dave also sent some literature on a device called a UHF Audio/Video Transmitter, which can transmit signals from a videogame, computer, VCR, video camera or CCTV up to 20 meters. That's assuming, of course, that the owner doesn't soup up the system and make his own little pirate LPTV station. The device is manufactured by Jutan International Ltd.

A few corrections from GLENN HAUSER (Fort Lauderdale FL, not Fort Lauderdale) "A couple of places I am intimately familiar with you consistently misspell: Eufaula OK...and Fort Lauderdale FL." I never realized that. All these years I have misspelled those two cities and never realized it. "A minor point, but I don't think I could have said WGBS-710 became WAQI four years ago as you printed it; more like a sesquyear ago--that's a year and a half." I think you're right. I was getting quadrennium and sesquyear mixed up." Referring to WNPL-TV, ch. 46 in Naples FL, "I've been looking for the new 46 on the west coast, but no sign of it yet; nor any other new ones around here you have mentioned."

"Re stereo, I'm not sure if it results from your editing, or my omission, but to make my remarks complete on the local scene, WCIX-6 (Miami FL -wbf) should be mentioned as having true stereo, on Fox pgms, Solid Gold, etc. But it's really strange on the Late Show and Tracey Ullman--the music is great, but on the

talk it sort of comes and goes and moves around unaccountably (platform motion). I suspect that is the way Fox sends it out but have no other outlet to compare. WXEL-42 (West Palm Beach FL -wbf) is indeed in true stereo, but the strange thing is I have never heard or seen any mention of the fact on the station; instead they continue to promote occasional stereo simulcasts on their FM or for country music shows, WIRK-107.9. Too many NBC 'stereo' shows, like Cheers, merely have stereo 'ambience' on the set without any dramatic motion or separation; tho the music is real stereo. And too often the most stereophonic thing about some shows is the laugh track. I noticed the music bridges on the NBC Today Show are in stereo, while the rest of the audio is not."

"I suppose it will be obvious when I find out, and maybe you explain it somewhere but in the DB (North American TV Data Base -wbf). I am still trying to figure out what 'm' means after the power in US list, in some cases." The "m" stands for maximum, and the "h" you sometimes see stands for horizontal. Because of beam tilt and directional antennas, the FCC sometimes requires additional information. Quoting 47CFR (Telecommunications) section 73.681 (definitions), "Effective radiated power. The product of the antenna input and the antenna power gain...(if specified for a particular direction, effective radiated power is based on the antenna power gain in that direction only. The licensed effective radiated power is based on the average antenna power gain for each direction in the horizontal plane. When a station is authorized to use a directional antenna or an antenna beam tilt, the direction and amount of maximum effective radiated power will also be specified.) Where circular or elliptical polarization is employed, the term effective radiated power is applied separately to the horizontally and vertically polarized components of radiation. For assignment purposes, only the effective radiated power authorized for the horizontally polarized component will be considered." I take that to mean that a station listing one ERP figure with "max" is a directional antenna, with the power recorded in the direction of the greatest antenna gain. The two figures "max/hor" would seem to refer to beam tilt, one reading in the direction of the tilt, and the other in the horizontal plane. If this is the case, I would like to know why there is little consistency with the column that reports directional antenna and beam tilt.

Glenn continues, "In the intro you say you are showing TBN affiliates, but looking up a few like KTBO-14 OKC (Oklahoma City -wbf) I see you have them merely as ind. Since most of them seem to be near 100% off the net except for local IDs and phone numbers, that certainly counts as a network worth listing."

I agree. Unfortunately I did not have a complete list of TBN affiliates at the time. It was a last minute decision to include TBN as well as HSN. Also, the list of Fox affiliates is not complete. After sending out

the printouts, I came across a complete list in the latest SRDS Spot Data book.

BOB TIMMERMAN (Auburn IN) saw WLLA (ch.64, Kalamazoo MI) testing in the evening of 6/5/87, "...asking for reception reports. Their phone # is (616)-623-2161. They will have Christian programming."

RANDY MILTIER (San Jose CA) sent two articles from the San Jose Mercury News, dated 6/17 & 19. The Santa Clara County Board of Education decided to turn television station KTEH (ch. 54, San Jose CA) over to the non-profit KTEH Foundation, formed by a group of longtime KTEH supporters. From the 6/19 article, "County schools Superintendent Tom Goodman said his staff had contacted KQED, the San Francisco public television station, but no offer from that station ever materialized." The foundation will have free use of the county's offices and production facilities for three years. FCC approval is expected this summer.

It's interesting that KQED didn't want to buy the station. The magazine section from the 4/12 San Jose Mercury News carries a big article on the two. It seems that KQED president and GM Tony Tiano thinks that KTEH should become a satellite of KQED. "There is not a reason for there to be a KQED and a KTEH if one station is different only in terms of when something is on, which is the case with KTEH"....'That's not a reason to spend an additional couple of million dollars every year.'" "KTEH...has 345,000 viewers, but only 25,000 are members. What makes KTEH membership figures even more depressing is that KQED has 'around 40,000 members in San Jose,' according to Rosemary Carroll, KQED's director of development. 'That's more members in San Jose than Channel 54. When you add Monterey, Carmel and Hollister, around 40 percent of our members come from the KTEH viewing area.'"

The 6/19 Mercury News also reports that KSTS (ch. 48, San Jose), an independent station specializing in business and financial programming, has been sold to Telemundo Group Inc. It is expected that Telemundo will run Spanish-language programming from 6 p.m. to midnight. Presently there is only one Spanish station in the San Francisco area: Univision affiliate KDTV, ch. 14. "In one year of operation, Telemundo has gained control of about 50 percent of the national market for Spanish-language television broadcasting with stations in New York, Los Angeles and Miami. Those are three of the top four Hispanic population centers in the United States. The company also owns a station in San Juan, Puerto Rico, and has affiliates in Chicago and Brownsville, Texas."

WENDELL FORD (Westville IN) sent in a few articles. The 5/14 Gary IN Post Tribune has a picture of the WYIN (ch. 56, Gary IN) television tower being assembled. "Workers... were busy Wednesday on the first stages of a 1,000-foot television tower for Northwest Indiana's public television station, WYIN-Channel 56." "The tower will be erected about three miles southeast of Cedar Lake."

The 5/28 Post Tribune, while reporting board members and contributors, adds, "The station received approximately \$700,000 for switching frequencies (from 50 to 56) with an Illinois commercial station. [Northwest Indiana Public Broadcasting] is constructing a 998-foot tower near Cedar Lake, over which WYIN will broadcast a 55,000 watt signal." 55 kw ERP? I have them authorized for 1355 kw. "It will reach Lake, Porter, LaPorte, Newton, Jasper, Pulaski and Starke counties in Indiana and Will and southern Cook counties in Illinois." "The WYIN studios will be located at 8625 Indiana St., Merrillville, where the station is leasing space." An article from the 6/1 Valparaiso Vidette Messenger repeats that 55 kw figure. The latest data base from Larry Fuss has 1353 kw.

Lastly from Wendell, a UPI printout dated 3/28 reports that WTTV (ch.4, Indianapolis IN) went bankrupt.

Late minute report from TOM YINGLING (Dundalk MD): WBPF (ch. 45, Baltimore MD) is now operating with its new facilities. Also, Maryland Public Broadcasting translators W62AY (Frederick MD) and W36AB (Oakland MD) are now operating as broadcast stations with call letters WFFT (Frederick-62) and WGPT (Oakland-36). As I mentioned some time back, there are no other changes. They're just translators with big station call letters, just like WDPB (ch.64, Seaford DE).

METEOR SCATTER FANS: I recently received some information from the American Meteor Society on the results of their 1985 Radio-scatter program. The AMS also sent a copy of an article from the June, 1986 QST magazine, written by Michael R. Owen, radiometer coordinator for the AMS. One major point in the article contradicts what I have been assuming when I wrote the meteor scatter articles some years ago. Although the vertical altitude of the meteor shower radiant increases the observed hourly rate (OHR) with respect to meteor observations, meteor scatter is a different situation, the hourly rate of MS bursts reaching a peak when the radiant is only 45 degrees above the horizon. Apparently when the radiants become higher than that, the meteor trails become useless to radio waves. Although it is too late for me to work up some charts of radiant heights for this month's Perseid shower, here is a useful quotation from the article: "...most VHFers think that the Perseids shower is best on the morning of August 12 every year." "When I lived in the Midwest, it was common knowledge that the long-haul path to Arizona opened up briefly at around 10 AM, local time on the morning of August 12 each year. Why? Well, because at that time the Perseids' radiant is always at an elevation of about 45 [degrees] over the midpoint of the path. No matter whether the shower was actually peaking or not, it appeared to peak for that path at the same time each year. From a VHFer's point of view, that's all that really matters."

And while we're on the astronomy aspects of the DX hobby, something else has come up. The 11/86 and 7/87 issues of Sky and Tele-

scope have photographs of mysterious high-altitude clouds called noctilucent clouds, or NLCs. The 7/87 issue of Astronomy has a six-page article on NLCs with more detail and beautiful color photographs. Could these clouds be E-skip patches? Get the Astronomy article and read it. More on these two subjects will appear within the next few months.

MISCELLANEOUS

PENNSYLVANIA: WWCP-TV (ch.23, Altoona PA) is presently a satellite of independent station WWCP-TV (ch.8, Johnstown PA), but is in the process of being sold by its present owners, at which time it will become an ABC affiliate. Meanwhile, that area has to get its ABC programming from Pittsburgh. WFAT-TV (ch. 19, Johnstown PA) had applied for ABC affiliation in that area, but was rejected by ABC. WFAT is now going to the FCC, asking it to force ABC to allow it to air network programming until WWCP becomes the area's ABC affiliate.

NATVDB CORRECTIONS

To start, remember Glenn Hauser's spelling corrections of Fort Lauderdale (FL) and Eu-faula (OK).

Fred McCormack has a few comments and corrections: "I want to comment on the designation of Canadian repeater stations where the CBC English and French networks were involved. I had a great deal of difficulty understanding it on first reading, as I knew that many of the indicated stations did not repeat the station shown; at least that is, repeat it in the manner by which I define repeaters. I have come to the conclusion that the stations repeated field in your data base shows the networking up to the master control at CBLT. Is that correct? Maybe you could elaborate on it in your column." That is correct. The original Canadian printout indicates the feed by the terms Network, Satellite, Off-air and Studio. Maybe the next edition should indicate which is which, or just list off-air. Any suggestions from the club? Fred adds, "I think the designation repeater implies that the station carries the same programs and likely the same ID's and ads as the station repeated. Before I would designate a station as a repeater, I would hope those conditions prevail for the great majority of the broadcast period. However, using your designation as a guide, a DX'er might expect to find CBWT programming on, for example, CKX channel 5 in Brandon. He would be sadly mistaken, as the only similarity is the CBC network programming." Fred also makes the following corrections to the list:

Ch.2: CKND-TV-2, Basswood MAN: suspects 100 kw ERP, as per 1987 TV Factbook. Actually, it should be 99 kw. Walter Patton corrected me on this and I still missed it.

Ch.3: KXMA, Dickinson ND is CBS only.

Ch.3: KDLO, Florence SD: typo shows Watertown NY asgt. That should be Watertown SD.

Ch.6: WDAY, Fargo ND: also primary for KCMY/14/Minot ND and KBMY/17/Bismarck ND. (Fred: although I listed them as satellites

of WDAY, the current SRDS books do not list them as satellites. But I will make this correction unless I hear otherwise from you.)

Ch.6: CKCK-TV-2, Willow Bunch SASK is not a CKOS repeater.

Ch.7: CKMJ-TV Marquis, SASK, shown as repeating CKTV, but the primary is designated as CKCK-TV on the ch. 2 list. I think CKCK-TV is the correct call sign.

Ch.8: KCAN, Albion NE is a satellite of KCAU/9/Sioux City, not KHGI/13.

Ch.9: KCAU, Sioux City IA, is a primary for KCAN/8/Albion NE.

Ch.9: KABY, Aberdeen SD: should be s-KSFY, not s-KFGY.

Ch.10: KBRR, Thief River Falls MN is Fox affiliate, as is primary station KVRP.

Ch.10: repeated stations for Saskatchewan repeaters CKBI-TV-4 Nipawin and CBKT-2 Willow Bunch are not shown. That's because of lack of information. I could find no record of CBC affiliates in those towns.

Ch.11: KXMD, Williston ND is CBS only.

Ch.12: KXMB, Bismarck ND is CBS only.

Ch.12: KNRR, Pembina ND is Fox.

Ch.12: Saskatchewan stations CKCK-TV-1 and CKMC-TV repeat CKCK-TV, not KCTV.

Ch.13: KXMC, Minot ND is CBS only.

Ch.13: KHGT, Kearney NE is no longer a primary for KCAN/8/Albion NE.

Ch.14: Minot ND should be KMCY, not KCMY.

Tom Yingling questioned why the primary and satellite stations of Kansas State Network were not listed. In checking further, I noticed that the Kansas Broadcasting System primary and satellites weren't listed either. The reason is that the SRDS Spot Data book, which contains a complete list of satellite stations, does not include any of them. So I raise the question to WTFDA members: are these stations still satellites, or are they now originating their own local programming? Being a local network does not mean they are satellites, and until a member can verify that they are satellites with no program origination, I will follow the SRDS book. According to older records the stations are as follows:

Kansas State Network

KSNW/3/Wichita KS is primary

KSNW/2/Great Bend KS is satellite

KSNG/11/Garden City KS is satellite

KSNK/8/McCook NE is satellite

Kansas Broadcasting System

KTVH/12/Hutchinson KS is primary

KTVG/6/Ensign KS is satellite

KAYS/7/Hays KS is satellite

KLOE/10/Goodland KS is satellite

The following are changes to be made based on further research, probably unreported in recent columns:

Ch.2 KSNW, Great Bend KS: remove s-KARD/3.

Ch.3 KMTV, Omaha NE change from NBC to CBS.

Ch.3 WSTH, Syracuse NY: SRDS does not list it as p-WETH/18/Elmira.

Ch.4 KMOX-TV, St. Louis MO is KMOV.

Ch.5 KSTP-TV, St. Paul MN is p-KSAX/42/Alexandria MN.

Ch.5 KYCU-TV, Cheyenne WY is KGWN-TV.

Ch.5 KOWY, Lander WY is KGWL-TV, and s-KGWC

/14/Casper.

Ch.6 WLUC-TV, Marquette MI is CBS only.

Ch.6 WOVT, Omaha NE change from CBS to NBC.

Ch.7 KCMT, Alexandria MN is C.A.

Ch.7 KVII-TV, Amarillo TX is also p-KVIH/12/Clovis NM.

Ch.8 KCAN, Albion NE is s-KCAU/9/Sioux City IA, not s-KHGI/13 as listed.

Ch.8 WWCP-TV Johnstown PA is p-WWCP/23/Altoona at this time, but as reported this month, will become separate and ABC.

Ch.9 KCAU-TV, Sioux City IA is p-KCAN/8/Albion NE.

Ch.9 KABY-TV, Aberdeen SD is s-KSFY, not s-KSGY.

Ch.9 KTRE-TV, Lufkin TX is ABC, not A.M.

Ch.9 KWBR, Ogden UT is KULC.

Ch.10 KZTV, Corpus Christi TX is not reported as p-KVTV/13 Laredo in SRDS.

Ch.10 WBNS-TV, Charlotte Amalie VI is C.M.

Ch.11 KCAA, Yuma AZ is still cp and not yet on the air.

Ch.11 KSNG, Garden City KS is not s-KAKE/10/Wichita.

Ch.11 KXMD-TV, Williston ND is CBS.

Ch.12 KNMT, Walker MN is C.A.

Ch.12 KVII-TV, Clovis NM is s-KVII/7/Amarillo TX, not s-KAMC/28.

Ch.12 KVOS-TV, Bellingham WA is still considered CBS by SRDS, although I understand they rarely broadcast CBS programs.

Ch.13 KHGI-TV, Kearney NE is not p-KCAN/8/Albion NE.

Ch.13 KXMC-TV, Minot ND is CBS.

Ch.13 KVTU, Laredo TX is not listed in SRDS as p-KZTV/10/Corpus Christi.

Ch.13 KLBK-TV, Lubbock TX is CBS; also delete the next three lines (a-KTXS, a-KWAB and a-KMOH).

Ch.13 KGWR-TV, Rock Springs WY is s-KGWC/14/Casper WY.

Ch.13 WPRV-TV Fajardo PR is ind.

Ch.14 Pittsburg KS station is KJHL, will be ind.

Ch.14 KCMY, Minot ND should be KMCY, and is not s-WDAY/6/Fargo.

Ch.14 KGWC-TV, Casper WY is also p-KGWR/13/Rock Springs WY.

Ch.14 WTIN, Ponce PR is Sp., not WFR.

Ch.15 KPOB-TV, Poplar Bluff MO is not s-WSIL/3/Harrisburg.

Ch.17 WDBB, Tuscaloosa AL is not listed in SRDS as p-WNAL/44/Gadsden.

Ch.17 KBYM, Bismarck ND is not s-WDAY/6/Fargo.

Ch.18 WETH-TV, Elmira NY is not s-WSTH/3.

Ch.19 KCPT, Kansas City MO is not p-KMPT/22/St. Joseph.

Ch.20 KOFY-TV, San Francisco is Spanish.

Ch.20 WICS, Springfield IL is not p-WICD/15 Champaign IL.

Ch.23 WLTV, Miami FL: change SIN to Uni.

Ch.23 KNAT, Albuquerque NM is 1191m/387h.

Ch.23 Morgantown NC should be Morganton.

Ch.23 WWCP-TV, Altoona PA is s-WWCP/8/Johnstown PA and is Fox, although this is expected to change in the near future. Ch.25 WLAX, LaCrosse WI is ind.

Ch.27 WBGU-TV, Lima OH: indicate cp (from ch.57) and on the air; also remove "Lima OH

asgt".

Ch.29 KTVF, Fayetteville AR isn't s-KHBS/40
Ch.29 KHNE, Hastings NE is not s-KUON/12.

Ch.31 WNYC-TV, New York NY is PBS affiliate, although not heavily PBS.

Ch.32 WELU, Aguadilla PR is TBN, and on the air.

Ch.34 KITU, Beaumont TX is PBS.

Ch.40 KTVN-TV, Santa Ana CA is TBN.

Ch.44 WNAL-TV, Gadsden AL is Fox, but is not listed in SRDS as s-WDBB/17/Tuscaloosa

Ch.44 WSNS-TV Chicago IL is Sp., but not Uni.

Ch.46 Paradise CA is KBCP.

Ch.47 Delete entire Tuscumbia AL line.

Ch.48 WCGG-TV, Greenwood should have been s-WHNS/21/Asheville NC, but this is not listed in SRDS.

Ch.48 WIEC, Ponce PR is ind.

Ch.57 WBGU-TV, Lima OH: erase data and list last column as vacant; delete cp chg to ch.27.

Ch.58 KLCS, Los Angeles CA is PBS.

Ch.62 add vacant assignment to Killeen TX, ch. 62z.

Ch.63 KTIE, Oxnard CA: change mp to lic.

Ch.63 Boca Raton FL is WPPB-TV.

Ch.63 Mineola TX: delete assignment.

Ch.66 WHSW, Marlborough MA should be WHSH.

Ch.66 WETG, Erie PA is on the air.

Ch.67 WMPT, Baltimore MD is WMPB.

Ch.67 WHSI, Smithtown NY is s-WHSE/68/ Newark NJ.

Ch.68 WHSE, Newark NJ is p-WHSI/67/Smithtown NY.

Mexican list: Univision affiliates are XEPE-TV/2/Nuevo Laredo, XHBC-TV/3/Mexicali, XEJ-TV/5/Ciudad Juarez and XEWT-TV/12/Tijuana. Fox affiliate, believe it or not, is XETV-TV/6/Tijuana.

Additional Fox affiliates (for USA list by channel and by state/city):

WCOV-TV/20/Montgomery AL (not CBS)

KLJB-TV/18/Davenport IA

KDSM-TV/17/Des Moines IA

KADN/15/Lafayette LA

KVHP/29/Lake Charles LA

KBRR/10/Thief River Falls MN

KDEB-TV/27/Springfield MO is ABC, FOX

KAME-TV/21/Reno NV

WUTV/29/Buffalo NY

WCCB/18/Charlotte NC

KNRR/12/Pembina ND

WWLF-TV/56/Hazleton PA

WOLF-TV/38/Scranton PA

WAXA/40/Anderson SC

WJMT/16/Jackson TN

KCIT/14/Amarillo TX

KBVO-TV/42/Austin TX

KCIK/14/El Paso TX

KJTV/34/Lubbock TX

KIDY/6/San Angelo TX

WTVZ/33/Norfolk VA

WVAH-TV/23/Charleston WV

WNSN-TV/47/Madison WI

WPRV-TV/13/Fajardo PR

Other network corrections based on the latest network lists of the SRDS book. I suspect that the deletions listed below might in some cases be oversights, but here they

are:

KTVF/11/Fairbanks AK not on ABC list.

KTVF-TV/29/Fayetteville AR ABC only.

KHSL-TV/12/Chico CA is CBS.

KECY-TV/9/El Centro CA is CBS, NBC.

KRCR-TV/7/Redding CA is ABC only.

KSCI/18/San Bernardino CA is multilingual.

KMTV/11/Twin Falls ID is CBS only.

KLOE-TV/10/Goodland KS is CBS only.

KAYS/7/Hays KS is CBS only.

KSNT/27/Topeka KS is NBC only.

WKBD/50/Detroit MI was not included in the Fox list.

KCHT/7/Alexandria MN is CBS only.

WTZH/24/Meridian MS was not on the CBS list. Seems odd.

KTVH/6/Butte MT is NBC only.

KRTV/3/Great Falls MT is CBS, NBC.

KFBB-TV/5/Great Falls MT is ABC, NBC.

KTGF/16/Great Falls MT is not NBC.

KCFW-TV/9/Kalispell MT is NBC only.

KPAX-TV/8/Missoula MT is CBA, ABC

KECI-TV/13/Missoula MT is NBC only.

KCAN/8/Albion NE is not on ABC list.

KVVU-TV/5/Henderson NV is not on Fox list.

KXMB-TV/12/Bismarck ND is CBS only.

KBMY/17/Bismarck ND is not on ABC list.

KXMA/2/Dickinson ND is CBS only.

KXMC-TV/13/Minot ND is CBS only.

KMCY/14/Minot ND is not on ABC list.

KUMV-TV/8/Williston ND is NBC, ABC.

KXMD-TV/11/Williston ND is CBS only.

WLIO/35/Lima OH is NBC; not on ABC list.

WUPW/36/Toledo OH is not on the Fox list.

KINT-TV/26/El Paso TX is listed as Univision, but I question why that and XEJ-TV are both Univision in the same coverage area.

KGBT-TV/4/Harlingen TX is not on CBS list.

KRIV/26/Houston TX is on both Fox and Univision lists.

WCHS-TV/8/Charleston WV is not on ABC list.

WBOY-TV/12/Clarksburg WV is not on ABC list.

WOWK-TV/13/Huntington WV is NBC, ABC.

WOAY-TV/4/Oak Hill WV is not on ABC list.

WDTV/5/Weston WV is CBS, ABC.

KFNB/20/Casper WY is not on NBC list.

KGWN-TV/5/Cheyenne WY is CBS, ABC, NBC.

KGWL-TV/5/Lander WY is only on CBS list.

KFNR/11/Rawlins WY is no on NBC list. (but KFNE/10/Riverton is!)

WBNS-TV/10/Charlotte Amalie VI is not on CBS or NBC lists.

Again a reminder: some of these may be the result of omissions. I left out some of the obvious ones (like KIRO in Seattle), but most of the deletions could be considered unconfirmed.

That's it for this month. Finally got both the mail and the research caught up. Tom Yingling showed me a way to vary the pitch on the printer. As you can see, this month's FORUM is back to the original size type. So maybe next month I should be able to make the data section a bit more legible.

ANARC UPDATE

CHANGES

I had planned to write about the loss of New York City's last three letter television call letters. But the first half of 1987 has brought many more changes to the New York Media scene.

Call letter changes for New York Television stations rarely occur, but this year has seen the call letter change of two major stations. The first was when WNEC channel 5 became WNYW. This was the first call letter change of a major New York television station in over 20 years. And then a couple of months ago WOR channel 9 became WUOR. Both changes were made necessary by a change of ownership and the separation of these stations from their AM and FM outlets.

Then on July 1st, New York lost another three letter call when WHN (1050 kHz) became WFAN. This was due to a change of format. WHN had, what I thought was a popular country music format. They had DJ's that made the station fun to listen to even if country music was not a favorite type of music. The station with the "Most famous call letters in country" became WFAN at 3pm on July 1st and traded its music format for an all sports format!

When New York City lost another music station on AM, one has to ask "Why can't music stations on AM survive in major cities?" Are all these "All talk" radio stations really that popular? Now those people like me who only have AM radios in their cars are stuck listening to classical music, big band, salsa or gospel if we do not like All talk. Or we have to put up with poorer reception from out of town stations that still play pop music. Is AM radio really dead in New York City and other major cities in the U.S.A.?

Although AM radio seems dead in our major cities, the media scene changes very quickly. Today's most popular station can be in last place in the ratings by next year. If one station comes up with a popular format, others will change to compete. (Once we thought that top 40 radio was dying, now it is extremely popular in a variety of forms.) So while I lament the changes that have taken place, I am hoping for a better future. And for the time being, I'll listen to those Connecticut stations that still play music!

Here's some slogans I'd like to hear on some stations- "All Talk, All Boring!" and "The best bland on the band!".

There is one television program that I'd like to recommend. The program is called SOUTH AMERICAN JOURNEY. It is shown on PBS on Tuesday night and at other times during the week. It is an 8 part tour of 8 South American countries. Each program deals with a different subject such as 'Why dictators are so popular' and 'What happened to the Incas?'.

I'd like to thank Glenn Hauser for mentioning WTFDA on his program World of Radio. If you haven't heard his program and you have access to a shortwave radio, please listen. You'll become a regular listener. I can't finish a week without listening to World of Radio.

I see that some Northeastern DX'ers have gotten our LPTV station W44AT Hicksville. Actually the station is not in Hicksville and does not even have a good signal in Hicksville. The transmitter is located in Mineola and the station broadcasts west towards Queens and Brooklyn. The station has the oddest programming. It is similar to an open access channel on cable. In fact, many of the programs are seen on Manhattan cable's open access channel. The station has a lease time programming format. This allows anyone who wants to, and can afford it to produce and show their own shows. The station does not have a set schedule. It is on when there is programming. The programming is as varied as can be. They have preachers from Brooklyn, a psychic that tells the future from telephone calls, and a program produced in Israel. "TV 44" is not the first such station on Long Island. It is actually a reincarnation of W63AC Westbury, which was on the air about a year ago and then mysteriously disappeared.

That's it for this month.



73's

Steven P. Sprachman

SATELLITE NEWS



GEORGE W. JENSEN
4604 Anntana Avenue
Baltimore, MD 21206-4220

This is a possibly short column, but, make no mistake, there are several unusual goodies to report this time around.

First a comment concerning Glenn Hauser's comment in the Television News section concerning the W L T V stereo pilot, but no real stereo noted. On the Univision staellite feeds there are also 2 audio sub-carriers, but they do not transmit anything - as yet - in stereo. The same is also true of co-owned Galavision. Many other services on satellite also do the same, but do not necessarily transmit in stereo. They generally use the 6.2 and 6.8 sub-carriers. Televisa in Mexico City which supplies many of their programs has not been noted with any stereo channeling as yet.

I have received several items from David R. Alpert in New York City from several wire services. Not a real surprise to some is word from Western Union that Westar III (91W) is being faxed out of operation with its various audio services being moved to Westar IV (99W). Services involved would include:- United Press International and others. NBC has reached an accord with Netlink of Denver to make NBC programs available to dish owners over K C N C of Denver. But, the programming can only be sent to those people living in areas not serviced by an N B C affiliate. The A.P. report also states "The agreement comes as N B C prepares to scramble its satellite feeds to affiliate stations."

COMSTAR WITH VIDEO - Long silent at 76W - Long color bars with silent audio carrier have been noted for prolonged periods of time on XPR 1-V. The signal strength has been extremely variable from litterally almost nothing to quite good - as if they are trying to set it to different footprint areas. At one time Colombia had been thinking of locating Colsat here, but this has not yet occurred and with launchings being at a virtual standstill, I wonder if this might be a possible use for this satellite, which still has several years of life left. This might account also for the variable signal as attempts are made to re-beam it.

Galaxy II - I. D. B. L.A. mentioned last month is the First Run - Pay-per-view service which used the Sony encryption system. XPR 2 seems to be for Eastern Time zones and they are also on XPR 4 at a later time - possibly for the Western Time zones. Also - XPR was used by H B O for its July 4th Vietnam Veterans Special - encoded, but available to VGII units. It was not addressable.

RCA K-2 - I N D X News feeds are noted on XPR "10-A" in the afternoons.

SPACENET II - now has C-Band video. The Telstar Pay-Per-View service is apparently moving to this bird. XPR's 1, 9 & 23 and VGII encrypted, but XPR 11 is being used as a barker channel and is in the clear. The Spacenet birds are most unusual. Spacenet 1 uses C-Band for many video services and its K-Band for non-video services. I have seen video only once on K-Band. Spacenet II is the opposite. There is frequent video on its K-Band, but non on its C-Band.

Peace Channel on Westar IV 24V has apparently failed. I guess people didn't "Give Peace A Chance!"

Color Bars - I hope to have some photos of some of those us3d by European systems available soon. This would make for a rather unique type of booklet perhaps? That's all for now - see you all in 1 month

'73's

TV STATISTICS

Bob Seybold
10567 Bennett Rd.
Dunkirk, NY 14048

DXer	Location	Total	UHF	XLTR	ES	AU	MS	YB
Bob Seybold	NY Dunkirk	1032	526	122	197	6	30	50
Bill Draeb	WI Kewaunee	915	386	106	193	1	113	53
Jeff Kadet	IL Macomb	758	420	99	163	0	1	83
Bill Eckberg	IL Dixon	608	311	48	134	1	26	55
Don Ruland	WI Kenoska	539	272	39	93	0	31	71
Paul Gaines	MI Detroit	527	249	23	81	0	28	73
Jim Pizzi	NM Lovington	523	239	150	189	0	19	81
Marvin Shults	IL Toulon	501	205	27	123	0	26	??
Mike Lapinski	NY Jamestown	500	292	56	48	0	1	78
Tom Yingling	MD Baltimore	485	216	26	157	0	13	70
Dave Nieman	NY Akron	411	282	47	60	0	4	84
Fred McCormick	ND Fargo	394	81	105	113	2	1	74
" "	ND Des Lacs	373	28	31	213	0	45	64
Robert Kramer	IL Chicago	388	160	10	90	0	30	??
Mike Hollis	AL Enterprise	371	175	11	75	0	13	80
Roy Barstow	MA Teaticket	352	188	32	84	1	5	71
Robert Grant	MI Detroit	351	135	7	106	1	22	78
" "	MI Honor	171	27	0	80	0	10	79
Robert Grant	MI Carleton	20	13	2	1	0	0	87
Nate Ely	WI Madison	315	180	33	35	0	2	??
Frank Wheeler	PA Erie	297	68	1	228	2	5	55
Fred Norquist	NY Clay	285	147	21	71	0	3	69
Richard Reese	PA Jersey Shore	262	45	0	152	0	28	79
Robert Ross	ON London	252	122	0	74	0	1	77
W. R. Hepburn	ON Niagara Falls	242	84	6	84	0	0	76
" "	NWT Coral Harbour	10	0	0	9	0	0	84
W. R. Hepburn	NWT Hall Beach	1	0	0	0	0	0	84
Allan Michalek	MA Springfield	216	64	6	101	0	0	??
Mike Cunningham	WV Harrisville	195	102	3	43	0	0	83
Ron Furdue	MN Byron	193	97	34	69	0	0	81
Bob Schweitzer	NJ Old Bridge	183	110	17	4	0	0	76
John Combs	FL Jacksonville	166	93	9	31	0	0	??
Saul Chernos	ON Toronto	161	6	0	94	0	0	76
" "	ON Brunt River	60	23	0	12	0	0	79
Steven Sprachman	NY Seaford	154	84	0	0	0	0	77
John Broomall	GA Waleska	143	90	1	12	0	0	??
John Jefferson	CA Pleasanton	142	54	18	64	0	1	76
Eric Bueneman	MO Hazelwood	83	28	1	25	0	0	81

Some personal best from Robert Grant - Detroit, MI listed below:

Longest unIDed: Eastern Europe ch. R1 F2 skip
 Longest E-skip: KREM-2 Spokane, WA 1702 miles
 Shortest skip: WSTM-3 Syracuse, NY 328 miles
 Longest MS: KDUH-4 Scottsbluff, NE 1035 miles
 Shortest MS: CKCO-2 Warton, ON 197 miles
 Longest tropo, low band: WCYB-5 Bristol, TN 414 miles
 high band: KARE-11 Minneapolis, MN 541 miles
 UHF: KITN-29 Minneapolis, MN 540 miles
 Longest aurora: WCCO-4 Minneapolis, MN 541 miles
 Longest lighting scatter: CKGN-22 Uxbridge, ON 222 miles

Best DX
73,
Bob

SATELLITE NEWS

GEORGE W. JENSEN
4604 Anntana Avenue
Baltimore, MD 21206-4220

A lot of good, hard news this month. If published soon enough, this may be the first place you will get this information. Listed below are the launch dates for the Ariane - French Guiana - space facility:

Date	Satellite	Possible Location
8-87	Aussat 3	164 E
	ECS 4	10 E ?
10-87	T V Sat 1	19 W
12-87	G-Star 3	136 W
	Telecom 1	8 W
1-88	Meteosat P2	?
	Amsat	15 E
	Panamsat	57 W
3-88	Intelsat V F-13	53 W
4-88	TDF 1	19 W
5-88	Spacenet 3R	87 W
	Geostar R02	?
	SBS 5	122 W
6-88	ECS 5	13 E ?
	Insat 1G	93.5 E
9-88	Astra 1	19 E
	MOP 1	?
10-88	Intelsat V F15	50 W
11-88	Tele-X	5 E
	Skynet 4B	?
1-89	Olympus	19 W

While many of the above are not domestic sats for this area - some are - such as SBS 5, GStar 3 and Spacenet 3R. Some of the others, such as Panamsat and the Intelsats may, with proper equipment, be seen in some U.S. areas.

In the last column, I mentioned video from Comstar 4. This is indeed Comstar and there is a very good reason for the variable signal, but it is not because of spot beaming. I will mention here that SBS-1 which has been inactive of late, now has similar color bars on 1 transponder. Why mention this when Comstar was the original topic? The 2, in a very complicated way, are related. The Comstar sat is being tested with what is called the Comstar Maneuver, where the bird will be allowed to drift - which is normal (all satellites do this, but rocket power boosters enable them to be repositioned quickly). By not continually correcting the drift of the Comstar bird - fuel is saved - prolonging the life of the satellite. To receive uninterrupted signals, though, you would need to have up and down motion on your dish to compensate, though attempts will be made to redirect the beam. This could preserve the life of this supposed dead satellite. Comsat - which owns Comstar - has purchased SBS 1 - which is also past life - and plans to execute a similar tactic on it. In addition to allow this - SBS-1 will be moved to 101 W, SBS-2 (they also bought this one) to 75 W, with SBS-1 being allowed to drift to 75 W in 1989 and SBS-2 being again moved elsewhere. The 2 Comstars will also be moved to 101 W.

News

The Viacom transfer to Galaxy 3 has begun:

XPDR	Service
12	C-Span 2 (Senate)
13	The Weather Channel
15	VH-1 - Encoded VCII
17	MTV - Encoded VCII
18	???? - Encoded VCII
19	Nickelodeon - Encoded VCII
21	Viewer's Choice - Encoded VCII

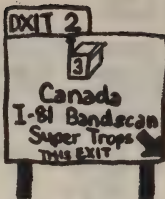
On Intelsat V F3 - 53 W

XPDR	Service
1	Cable 3 - Buenos Aires, Argentina (PAL system)
3	Cable 3 - Buenos Aires, Argentina (PAL system)
12	Visnews - London - direct feeds (PAL system)
18	TV Peru Ch. 7 - Lima, Peru - NTSC system
24	A T C - Ch 7 - Buenos Aires, Argentina (PAL system)

That's all for this month - see you next time---

'73's

NWS



Matt Sittel
220 Brookfield Drive
Kingsport, TN 37663-9777
(615) 239-9186

DEADLINE: 10-1-87 for
11/87 VUD column!

SEPTEMBER 1987

SEPTEMBER 1987

A LOOK AT WHAT'S NEWS FOLLOWS THE WEATHER: Well, which has been hotter-June 1987's E-skip or July 1987's temperatures? As of August 1st-Kingsport has gone 19 days without more than a few drops of rain, and we've also had 14 consecutive days of 90+ highs (normal is 86) July 25th peaked at 98°. And I hear we're cool compared to other areas who've been well past 100. The MUF's been past 100, though! Many times, in fact. June 29th saw the MUF hit ch8 at 1840-but no NWS-if you got any, please report it-maybe you were luckier than I! I've got news on the Canadian NWS scene-so stay tuned!

Greg Coniglio, 5100 Glenwood Drive, Williamsville, NY 14221

Equipment: Realistic Weatheradio Model 12-151A w/telescoping antenna. (My receiver, too-it appears to be the best inexpensive receiver-about \$20-well worth it, if you want better performance than the "cube" but can't get a scanner.-mcs)

162.40 KHA-53 Rochester, NY (has Buffalo radar)	65 (I calculated Greg's mileages-
KEC-58 Erie, PA	90 so you can see how well the
162.55 KEB-98 Buffalo, NY (local)	12-151A can perform-mcs)

On 162.4, KHA-53 is common at night and during the winter, while KEC-58 comes in most often in the summer on warm, sunny days. And, for some reason, KEC-58 is there in almost every E-skip. (I've noticed the same with WQXI-94.1-mcs) On 162.475, interference from KEB-98 prevents any DX. (Same w/WXK-47 here-mcs) A few times when KEB-98 has been off the air, I've checked for XMJ-225 Toronto, Ontario, but I still didn't get it. Even in Niagara-on-the-Lake, NY, where the CN Tower (location of XMJ-225 transmitter) is easily seen across Lake Ontario, XMJ-225 is barely audible. (See my findings later in the column on them-mcs)

Can someone help me with an unID on 162.55 MHz? I once nulled KEB-98 during a Detroit tropo on FM, and heard a marine channel. They were giving Environment Canada forecasts for Lake Huron, Lake St. Clair, and Western Lake Erie. Does Windsor have a station on 162.55? (No, but Detroit does-I believe I heard the same thing you did when I was there in June-I found it confusing as well-that's a great catch at about 220 miles from you.-mcs)

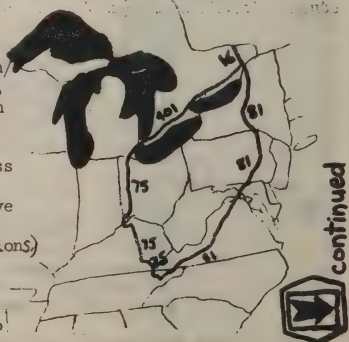
(Also, Greg pointed out that the information in the July column was actually Rochester, Minnesota-my list has all of the cities in alphabetical order, and I looked at the wrong one-thanks for pointing it out, Greg. The correct information is as follows:)

ROCHESTER, NY	KHA-53	.400	.500	43.08'	77.35'	1093	350
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John Combs dropped me a card saying "on 6/15 at 2021 EDT I heard a NWS station by Es on 43.22 MHz. I mentioned the Great Lakes and gave forecasts for NW PA, so I assume KEC-58 Erie, PA. I sure wish someone would explain these bizarre receptions to me." I have no idea, John. If anybody does have an idea, let us know!

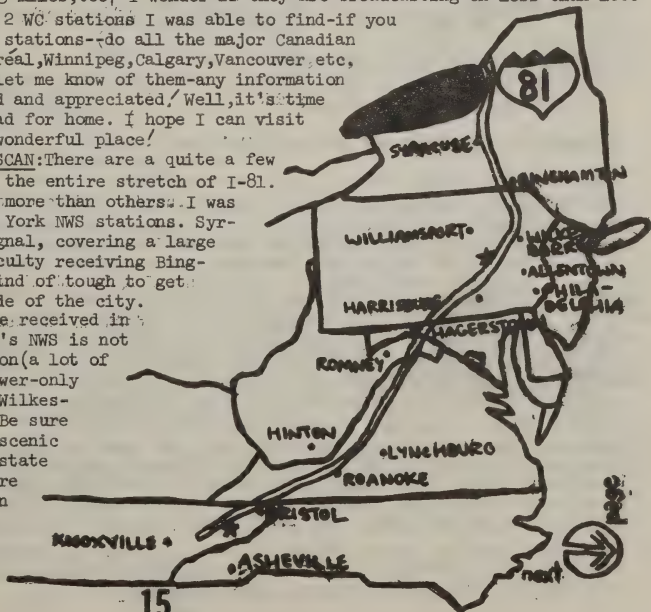
Since New York and Florida have already appeared as the spotlight state-I'll spotlight what I heard traveling to and from Canada.

I was gone from 6/11 to 6/18 (looks like I missed some Es then) and followed the route you see at right. Not much to speak of on the way up to Canada, nothing much out of the ordinary. I heard Lexington & Covington Cincinnati in Kentucky, in Ohio-Dayton, Lima, and Toledo, and in Michigan, Detroit. Lima's NWS is programmed from Dayton's NWS office. Covington/Cincinnati's NWS, although it says it is 1000 watts, was rather difficult to receive. Lima's NWS had the strongest signal (I guess because it serves a larger area-it's 1000 watts, too.) CANADA: I was kind of surprised that Windsor didn't have an NWS station (their weather service is known as Environment Canada-and call their stations Weatheradio (WC) stations). But, I guess Detroit's NWS does a good job in serving the Detroit vicinity, including adjacent sections of Southwestern Ontario. As a matter of fact, I noticed Detroit's NWS was still in about 45 miles into Ontario!



I was even more surprised that London didn't have an EC station-but what I did notice was virtually everywhere I went in they had CFPL-FM 95.9 on from the Holiday Inn to the Burger King to the 7-11. Now that's a domination of market if I've ever seen one! While looking for FM ID's near Chatham-CKSY-95.1 said "Environment Canada has issued a severe weather watch (not thunderstorm as in the US) for southwestern Ontario. CFPL was running advisories, too. But Toronto's EC station could not be received until about 15 miles west of Toronto. By that time a line of severe storms was barreling down from the north of the metro area that would later spawn a tornado 4 miles away from the hotel (which I did not see) Toronto's WC station, XMJ-225 on 162.475 MHz finally was strong enough to record clearly (at the hotel). But, I was able to record their severe weather watches and warnings. Their transmitter is located on the CN tower in Toronto. Inside the CN tower, they have a display about Weatheradio Canada and XMJ-225. If you'll remember July's column, Dave Nieman said that he thought that nearly 100% of their signal was sent to the north. I believe the same, too-since their signal is poor to the west and east of Toronto-so north is the only direction left (and besides, the CN tower is right on the lake, and metro Toronto spreads to the north, so a directional signal to the north is probably true.) But, their display would lead you to believe differently about their coverage area. I drew a map of what their display showed above-which I have only a color photo of. Their ID goes as follows: "This is Weatheradio Canada station XMJ-225 broadcasting from the CN tower on 162.475 megahertz. Our studio is located at the Toronto Weather Office-then a message in French, which I can't translate completely, but says something to the tune of "for the weather in French, dial 676-4671." Unfortunately, I didn't remember to call and see what it was while I was there. During the severe weather outbreak-after they said "Toronto Weather Office" instead of the FF message they said "Due to severe weather occurring in our immediate listening area, normal broadcasting has been curtailed-normal broadcasting will be resumed when the severe weather has passed." Also, while in Toronto, I was able to receive KEB-98 from Buffalo at 63 miles-too bad it doesn't work both ways, I really didn't expect to hear another NWS station in Canada, until I heard Ottawa's WC station, XLJ-696, on 162.40 MHz. Whereas Toronto's complete cycle of programming was about 4 minutes, Ottawa's was about 8 minutes. Why? Because of its close proximity to Hull and Quebec, everything that is said in EE is also said in FF. Sometimes a forecast would be in EE and its FF translation would directly follow it-but sometimes they were in no set order. Their ID, which was translated into FF directly after the EE, went like this: "This is Weatheradio Canada station XLJ-696, broadcasting from the Camp Fortune tower on 162.40 megahertz. Our studio is located at the Ottawa Weather Office." Their forecasts cover a fairly large area-they say "the Ottawa Valley including the cities of Ottawa, Hull, and for southeastern Ontario including Brockville and Cornwall." (I couldn't get XLJ-696 in Brockville, even though it was 63 miles, too! I wonder if they are broadcasting on less than 1000 watts. Those were the only 2 WC stations I was able to find-if you know of any other Canadian stations-do all the major Canadian cities have them-like Montréal, Winnipeg, Calgary, Vancouver, etc. If you know of any please let me know of them-any information on ANY WC station is needed and appreciated. Well, it's time to leave Canada now and head for home. I hope I can visit Canada again soon-it is a wonderful place!

SPOTLIGHT #2-THE I-81 HANDSCAN: There are a quite a few NWS stations to hear along the entire stretch of I-81. But, some places have a lot more than others. I was only able to receive 2 New York NWS stations. Syracuse has a very strong signal, covering a large area. I had a little difficulty receiving Binghamton. Their signal was kind of tough to get until about 15 miles outside of the city. Quite a few stations can be received in Pennsylvania. Wilkes-Barre's NWS is not extremely strong in Scranton (a lot of it has to do with their power-only 250 watts.) The signal in Wilkes-Barre wasn't much better. Be sure to take advantage of the "scenic overlooks" along the interstate in Pennsylvania (and they're usually great for reception in most states) for you'll find some good signals,



which is exactly what I found near exit 34. I could receive: on 162.40-Williamsport and a very weak Allentown. On 162.475-Philadelphia, and on 162.55-Harrisburg, which appears to be more powerful than its 250-watt listing. Harrisburg's NWS station is very strong throughout southeastern Pennsylvania. Hagerstown, Maryland's NWS station serves portions of Pennsylvania, Maryland, West Virginia, and Virginia-as they frequently say "the 4-state listening area". West Virginia's NWS stations at Romney and Hinton are far away, and difficult to receive. On the other hand, Roanoke's powerhouse station is audible 100 miles from Roanoke on I-81. Lynchburg is another tough station to get-but I have heard it before in the city of Roanoke. Bristol (i.e. my local NWS) puts out a fairly strong signal about 60 miles to the southwest on the interstate, and about 45 miles to the northeast. Knoxville is hard to get outside of about 10 mile 12-with Asheville in weak all the way up to Kingsport (i.e. up to my address) Most of what I've told you above is true for a moving vehicle-some conditions may be even better if you stop, say, at a rest area and listen. Now, a look at the specifics:

CITY	CALLS	FREQ.	POWER	LATITUDE	LONGITUDE	MSL	HAG	COMMENTS
SYRACUSE, NY	WXL-31	.550	1000	42.58'	76.12'	1450	140	
BINGHAMTON, NY	WXL-38	.475	1000	42.04'	75.54'	1757	200	
WILKS-BARRE, PA	WXL-43	.550	250	41.10'	75.52'	2348	100	← has low power "beep"
WILMSPORT, PA	WXL-55	.400	1000	41.11'	76.58'	1990	140	← xmit on WXL-55 FM
ALLENTOWN, PA	WXL-39	.400	1000	40.34'	75.26'	1285	280	← tower on Bald Eagle Mtn
PHILADALPHIA, PA	KIH-28	.475	1000	40.03'	75.14'	423	300	have this and WXL-55
HARRISBURG, PA	WXL-40	.550	250	40.20'	76.52'	1800	500	have recently had their power upped from 250
HAGERSTOWN, MD	WXM-42	.475	1000	39.39'	77.58'	1855	415	
ROMNEY, WV	WXM-73	.525	1000	39.18'	78.43'	1900	50	
LYNCHBURG, VA	WXL-92	.550	1000	37.26'	79.07'	901	81	gives forecasts for 100 miles west of Roanoke in VA
ROANOKE, VA	WXL-60	.475	1000	37.10'	80.12'	3845	75	← way up above Roanoke,
HINTON, WV	WXM-72	.425	200	37.46'	80.42'	4045	100	which have the huge coverage area!
BRISTOL, TN	WXX-47	.550	500	36.26'	82.06'	4425	125	← lower power, but those high hills help them to increase their coverage area.
ASHEVILLE, NC	WXL-56	.400	250	35.25'	82.45'	5751	30	
KNOXVILLE, TN	WXX-46	.475	1000	36.00'	83.56'	1505	150	

then, I-81 ends, and has a junction with I-40 (next column's spotlight road) Bristol's NWS is called, over-the-air, "Tri-Cities"-as it is programmed from the NWS office at Tri-City Airport, just 5 miles away from me. Note that the cities are listed in the order that they are received. Also, in case you haven't noticed, the "under latitude and longitude means degrees-since the typewriter I use has no degree key! At the I-81 rest areas near Greeneville, TN, you can receive Bristol, Knoxville, and Asheville, all at the same time. Maybe I can from here when (and if I'm not sure yet) I get a scanner. Any reviews, comments, articles, etc. you may have would be greatly appreciated. If you need information on NWS receivers-let me know.

.....NEWS FLASH.....BULLETIN.....SPECIAL WEATHER STATEMENT.....SUPER DX!!!.....! While I was working on this column, John Combs sent in this super report about some NWS Tr. John writes:

Had some decent tropo which brought in some good NWS loggings:

JULY 1987	JULY 1987					
20 Tr 0521 KHB-31	.400 NC Wilmington	350	21 Tr 1447 WXJ-23	.475 SC Beaufort	160	
0521 KIG-77	.475 NC Cape Hatteras	500	(heard often, but never before at mid-day!)			
0543 WXJ-20	.400 SC Columbia	260	2208 WXM-65	.525 GA Baxley	105	

EQUIPMENT: Regency Z30 scanner, whip antenna.

I've now heard 15 NWS stations in 5 states with one by E-skip. (That gets you #1 in the NWS Statistics list, if enough people send in their totals I'll list them in a future NWS News column.-mcs)

I hope you liked the bandscan listing I did. Next time I'll spotlight I-40. I've been on about 90% of the entire North Carolina to California interstate. If you have any bandscans of highways of any kind, send them in!

OTHER NWS NOTES: I had hoped by the time I was typing this up that I would have the tape of NWS stations completed-unfortunately I've not had time to do so. I've been editing the FM IDs for another "ID Tape", which is getting close to complete. Maybe next time I'll have it completed. Also, in the May column I told you there would be something in the September column about "the ALARM". Somehow I forgot to do that. And, unfortunately, there's no room to put it in this column. Next time I'll tell you what I meant to tell you about "the ALARM" 2 columns ago. Hopefully next time things will be straightened out and everything will be in the column, and I can tell you what the ALARM is all about. Did you know that KHB-36 in Washington occasionally runs a talk show, where they speak to someone about a weather-related topic. Unfortunately I don't have it recorded, but it seems to me like it use to be about 5 minutes long and come on at 9:15AM. (or was that 9:10AM-I'm not sure-maybe somebody up that way can tell me) I remember when I heard it I thought I was being overridden by pirate NWS'ers. Does New York or Los Angeles or Chicago do that? NEXT TIME: The I-40 spotlight, the long-awaited (and long-forgotten) ALARM story, and maybe some NWS Es. (atmosphere permitting) 73's matt

EASTERN TV-DX

John F. Combs
1308 Willow Branch #24
Jacksonville FL 32205
(904) 389-2451
DEADLINE: 1st

LOGGING OF THE MONTH: Roy Barstow's tropo logging of WBTW-13 Florence SC at a distance of 710 miles (7-23)

HIGHEST E-SKIP M.U.F. NOTED: Up to channel 8 by both Matt Sittel (on 7-29) and Robert Grant (on 7-17)

MYSTERY LOGGING OF THE MONTH: John Buehler's logging of a KAKE-10 KS ID on channel 4

MOST EXCLAMATION POINTS USED IN ONE REPORT: Matt Sittel

THE "PRODIGAL DXER RETURNETH" AWARD: Former fellow Floridian (say that 3 times fast!) Ken Simon, now twiddling the dials in Ohio

PLUG OF THE MONTH: Roy Barstow on the new Television Data Base: "BUY IT--YOU'LL LIKE IT!!!"

If this column looks like it was typed rather than printed out by a computer...score one for you. My ailing disk drive is in the hands of a friend who is supposed to be doctoring it (he's had it for a week and a half and hasn't called me yet), so I'll have to hunt and peck at my trusty Smith-Corona, keeping the Liquid Paper people in business. It's a good thing I don't make two many mistakes!

Roy Barstow, POB 488-T, Teaticket MA 02536

JUNE 1987	JUNE 1987	JUNE 1987
18 T 2200 WVEC-13 VA 455	25 T 2200 WJKL-24 MD 350	22 T E. PA, MD, VA: "typical Eastern seaboard stuff for summer..."
2200 WHRO-15 VA 455	WBFF-45 MD 350	
2200 WYAH-27 VA 455	to WNUV-54 MD 350	
2200 WTVZ-33 VA 455	WAPB-22 MD 360	23 T "An all-nighter..."
2230 Onancock VA xltres	E. PA 8,16,21,22,	WITN-7 NC 540
2300 WUNM-19 NC 575	2400 28,43,44,51	WNCN-9 NC 550
2300 WLFL-22 NC 590	29 T 2145 WVEC-13 VA 455	WCTI-12 NC 575
2330 WNCN-9 NC 550	2145 VA 15,27,33 455	WBTW-13 SC 710
2330 WITN-7 NC 540	2145 Onancock VA xltres	WPDE-15 SC 710
19 T 0010 WUNP-36 NC s/off	JULY 1987	WUNM-19 NC 575
0022 WPTF-28 NC 600	6 T 0000 WMDT-47 MD 340	WHMC-23 SC 700
0100 WFTY-50 DC 350	0000 WCFB-28 MD 340	WTAT-24 SC 770
0122 WVIR-29 VA 485	0030 WJKL-24 MD 350	WJKA-26 NC 660
0150 WXEX-8 VA 450	0030 WBFF-45 MD 350	WUNP-36 NC
25 T 2200 WLVT-39 PA 260	0030 WNUV-54 MD 350	WTKR-3 VA 455
2200 WBFF-45 MD 350	PM E. PA including:	"+ all E. PA, MD 11,13,16,22, 24,28,45,47,54; DC Us; VA 10,13,15,25,27,33,41,44,60"
	WFMZ-69 PA 260	

EQUIPMENT:

CM Super Bandsaw UHF antenna at 33'
CM 1273 Super Vector Hi-band at 29'
CM 1226 Super Vector Lo-Band at 23'
BT Vaultier III Plus amp, rotor, "El Cheapo Radio Shack coax down to dungeon in cellar," recent Zenith color set, Teknika 6510 tuner

"I am sure anyone at the dials on 7-23 stick around for a few hours. Had ME, NJ, VA, SC, and MD on 13--at times it seemed like E-skip! A total of 34 VHF and 86 UHF for 120 stations in one opening. This is the best it gets on the east coast. The opening of 6-18/19 was the first this year to go past VA on 7-13, blotting out NYC."

"I have to praise the Teknika tuner. If something is there you get it, at least frame bars. I have unauthorized cable going to it from upstairs and this helps a lot as NYC 9 and 11 are on cable. If DX is in, I just push the ANT A & B buttons and can tell if it's NYC or something else...About the EXCELLENT TELEVISION DATA BASE--as they say on the Johnny Carson show, everything you wanted to know about TV stations is in that one manual! Fox network is there, HSN is there, etc. BUY IT--YOU'LL LIKE IT!!!" (I agree, Roy! It's well worth the paltry cost, and invaluable to the serious TV-DXer--jfc)

Robert S. Ross, VE3JFC, Box 4373, Stn. C, London, Ontario N5W 5J2

JULY 1987	JULY 1987	JULY 1987
14 E 1800 KGWN-5 WY	16 E 1628 WNL-4 IA	20 T 1940 WNYB-49 NY
(ex-KYCU)	1642 KXAS-5 TX	(Testing)
2130 WKRG-5 AL		

EQUIPMENT: Toshiba 12", FM beam, UHF Flying Arrow.

Ken Simon, Box 232, Sidney OH 45365-0232

JULY 1987

25 E 2145 unIDs-2,3 NBC
T 2330 WKNO-24 OH 100
26 T 0900 WQHS-61 OH 155

JULY 1987

26 T 0900 WEAQ-49? OH T
28 T 0630 unID-31
0630 WFFT-55? IN T

JULY 1987

28 T 0630 WKAR-23 MI 170
0630 unIDs-18 2 diff-
erent stns

"Using portable TV with whip antenna. So far only OH, IN, KY, MI. Regulars & semi-regulars are WDTN-2, WCMH-4, WLWT-5, WTVN-6, WRTV-6, WHIO-7, WISH-8, WCPQ-9, WBNS-10, WKRC-12, WTHR-13, WPTO-14, WANE-15, WPTO-16, WXIX-19, WFYI-20, WPTA-21, WKCF-22, WTJC-26, WTTB-28, WKJG-33, WOBU-34, WLIO-35, WBGU-27, WMMH-40, WKOI-43, WTLW-44, WRGB-45, WCET-48, WXIN-59, W63AH." (Welcome back, Ken! Ken is now employed by a philatelists' newspaper...that's stamp collecting, if you don't have your Funk and Wagnall's handy!-jfc)

Matt Sittel, 220 Brookfield Drive, Kingsport, TN 37663

JUNE 1987

19 E 1227 TV6-2,3,6 CUBA
"video weak, but
audio super at 87.75"
1250 WPBT-2 FL 747
1321 unID-4 w/

"Unidad TV"

1326 TR-4 CUBA
1610 KDFW-4 TX 864
1612 KENW-3 NM 1206
1615 4 unID's on 384
1619 unID-6
1628 KMID-2 TX 1174
1630 KFDX-3 TX 936
1632 KIDY-6 TX 1088
1651 KAUZ-6 TX 936
1720 unID-6
1729 KSNW-3 KS 819
1729 KFLX-3 TX 911
1759 KLINE-3 NE 958
1804 KTVS-3 CO 1152
1838 KCNC-4 CO 1242
1906 KOTA-3 SD 1233
2027 unID-2
20 E 1029 CFCM-4 PQ 927
1058 CBHT-3 NS 1116
1129 CFAP-2 PQ 927
w/3/4 CB TP-TQS net.

1207 unID-3 FF
1226 unID-4 CBC EE
1259 KENW-3 NM 1206
1830 KXJB-4 ND 1076
1904 KTVY-4 OK 837
1906 KOET-3 OK 742
1928 KGBT-4 TX 1166
1932 KIII-3 TX 1055
1959 KWAB-4 TX 1120
21 E 1037 6 unID's-2,3,4,6
1102 KMTV-3 NE 797
1103 KWSE-4 ND 1346
1105 KMEC-3 ND 1179
1126 KLINE-3 NE 958
1128 KSNB-4 NE 878
1800 KGAN-2 IA 623
1815 5 unID's-3,4,6
1851 MUF 106.3 to IA
1757 KDLH-3 MN 882
1958 KSNW-3 KS 819
2000 KDLO-3 SD 990
2100 KOTA-3 SD 1233
22 E 1027 WBRZ-2 IA 645

"last seen 2/5/85"

1029 KDFW-4 TX 864
1030 KFDX-3 TX 936
1030 KRIS-6 TX 1055
1030 KFDM-6 TX 806
1032 KMID-2 TX 1174
1033 KPRC-2 TX 878

JUNE 1987

22 E 1059 KJAC-4 TX 812
1059 KMOL-4 TX 1053
1100 KIII-3 TX 1055
1129 KACB-3 TX 1088
1140 KBTX-3 TX 911
1238 unID-3 PBS
1500 KATC-3 IA 702
2300 KJRH-2 OK 747
2304 unID-4 NBC

23 E 0001 KAMR-4 TX 1116
T 0001 WSMV-4 TN 246
E 0002 KMID-2 TX 1174
0003 KENW-3 NM 1206
2011 KSNW-3 KS 819
2012 KLBV-4 KS 1033
2012 KSNC-2 KS 903
2028 KTVC-6 KS 975

24 E 0025 unIDs-2,3,4
1155 CHSJ-4 NB 1055
1202 unID-4 NBC
T 1230 WAVE-3 (IN) 230
E 1708 CBHT-3 NS 1116

25 E 0929 KACB-3 TX 1088
0951 KRMA-6 CO 1242
0958 KTVC-6 KS 975
0959 KLBV-4 KS 1033
0959 KCNC-4 CO 1242
0959 KFDX-3 TX 936
1025 KTVY-4 OK 837
1028 KLINE-3 NE 958
1028 KOET-3 OK 742
1056 KSNW-3 KS 819
1101 KSNC-2 KS 903
1129 KWNB-6 NE 1040
1130 KSNB-4 NE 878
1229 KDUH-4 NE 1206

1303 KOTA-3 SD 1232
1329 KUSD-2 SD 878
1334 KPRY-4 SD 1098
26 E 1958 KBTX-3 TX 911
1958 unID-4
1959 XHPN-3 COA 1177
w/full ID!!

2005 KMID-2 TX 1174
2021 KIII-3 TX 1055
27 E 1000 unIDs-2,3,4
28 E 2058 KTIV-4 IA 855
2100 unIDs-2,3-ABC

29 E SUPER DX DAY-First hi-
band Es I've ever seen!
0959 KGBT-4 TX 1166
1015 KIII-3 TX 1055
1029 XEFB-2 NL 1302
1121 unID-4 SS

T 1159 WOAY-4 WV 110
1200 WCMH-4 OH 256
E 1221 unID-2

JUNE 1987

29 E 1359 KPRC-2 TX 878
1359 KENW-3 NM 1206
1359 KMID-2 TX 1174
1510 KRIS-6 TX 1055
1536 KMOL-4 TX 1053
1547 KBTX-3 TX 911
1551 KDFW-4 TX 864
1608 2 unIDs-6

1629 KFTX-3 TX 936
1630 KWAB-4 TX 1120
1658 KAVE-6 NM 1265
1800-2000 INTENSE ES-
no times listed-just ID's

KLINE-3 NE 958
KMTV-3 NE 797
KWNB-6 NE 1040
KSNB-4 NE 878
WOMT-6 NE 797
KRMA-6 CO 1242
KTVC-6 KS 975
KLBV-4 KS 1033
KPLO-6 SD 1044
KOTA-3 SD 1233

1840 unIDs-7,8-8 didn't
match any network
1803-2307 MUF into FM

30 E 1008 KPRC-2 TX 878
1024 KATC-3 IA 702
1026 KIII-3 TX 1055
1029 WBRZ-2 IA 645
1051 KRIS-6 TX 1055
1059 KJAC-4 TX 812
12 consecutive days of Es!

JULY 1987

2 E 1604 unID-2
1605 TV6-3 CUBA w/TP
7/2-7/5 in Nashville, TN-with
locals 2,4&5-no Es there!

5 E back in Kingsport...
2059 KCNC-4 CO 1242
2100 KLBV-4 KS 1033
2158 KLINE-3 NE 958
2202 KOTA-3 SD 1233
2204 2 unIDs-3 CBS,?

2207 KXJB-4 ND 1076
2215 KWFET-3 MB 1172
6 E 1732 CBHT-3 NS 1116
1735 WGBH-2 MA 734
1736 unID-4

2000 unIDs-2,3,4
7 E 1554 TV6-3 CUBA
1557 unIDs-2,4

8 E 1104 2 unIDs-3 NBC,?
1957 TV6-3 CUBA
at 2000 had start of
national news with logos
of TR,NTV, and TV6 nets

(MORE TO COME!! NEXT PAGE---)

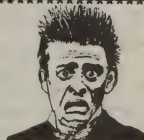
Sittel (continued)

JULY 1987			JULY 1987			JULY 1987		
8 E	2004	WPBT-2 FL 747	14 E	2124	KDLO-3 SD 990	17 E	1929	KPRY-4 SD 1098
	2005	TR-4 CUBA		2133	KPRY-4 SD 1098		2029	KRMA-6 CO 1242
9 E	1738	TV6-2,3,6 CUBA		2140	KTIV-4 IA 855		2029	KCNC-4 CO 1242
	w/	cartoon of people		2145	KLNE-3 NE 958	18 E	1036	unID-2 NBC
	jumping out of rocket		15 E	1802	unID-3 SS		1058	KFTX-3 TX 936
	wearing "CCCC" hats				said "Coahuila"		1159	KIII-3 TX 1055
	1741	WTVJ-4 FL 747		1802	KDLH-3 MN 882		1159	KFTX-3 TX 911
	1742	TR-4 CUBA		1804	KXJB-4 ND 1076		1859	KATC-3 IA 702
	1758	WCIX-6 FL 747		1805	6 unIDs-2,3,4,		1908	KGBT-4 TX 1166
	1944	KTBS-3 IA 702			including a 3 FF		1700	KIII&KPRC back in
	1959	KATC-3 IA 702		1028	KMTV-3 NE 797		1920-2030	INTENSE ES
	1959	KIII-3 TX 1055		1036	KTIV-4 IA 855		KJAC-4	TX 819
	2028	KOET-3 OK 742		1058	WCCO-4 MN 815		KRIS-6	TX 1055
	2119	KLEY-4 KS 1033			"clearest I've		unID-6	NBC running
	2120	4 unIDs-2,3,4			ever seen it?"		"Punky Brewster"	
T	1052	WUNC-4 NC 203		1059	KMTV-3 IA 733	19 E	1029	KDFW-4 TX 864
	1058	WSMV-4 TN 246		1128	KLNE-3 NE 958		1059	KFTX-3 TX 936
10 E	1027	3 unIDs-3-CBS,		1129	unIDs-2,3,4		1059	KACB-3 TX 1088
		3-ABC, & 4-ABC		1129	KSNB-4 NE 878		1930	KWAB-4 TX 1120
	1713	KFTX-3 TX 911		1129	KWNB-6 NE 1040		1930	KMID-2 TX 1174
	1715	6 unIDs-2,3,4,6		1229	KDUH-4 NE 1206		1940	KFTV-4 OK 837
11 E	1252	Col9r		1230	KRME-3 ND 1179		2000	KDFW & KACB back
		Visi2n-2 DR 1600		1247	MUF 102.9 ND/NB		2059	KAMR-4 TX 1116
	1628	KFTX-3 TX 911		1356	TV6-2,3 CUBA	20 E	1028	WLEB-2 ME 919
	1629	KIII-3 TX 1055		1400	KFLO-6 SD 1044		1029	3 unIDs-3,4
	1645	unIDs-3,4 both NBC		1400	KPRY-4 SD 1098		1059	CKOW-2 NB 1107
	1911	KLEY-4 KS 1033		1405	WPBT-2 FL 747			"saw the ATV logo-thanks,
	1958	KOET-3 OK 742		1430	unID-6 "Hurricanes-			John, for the ATV info!"
	1959	KJRH-2 OK 747			a bad year ahead?		1330	unID-3
	1959	KFTX-3 TX 936			Tonight at 6."		2155	unID-3
	2000	KAMR-4 TX 1116		1458	KXJB-4 ND 1076	21 E	1129	KFTX-3 TX 911
	2029	KTBS-3 IA 702		1459	KDLO-3 SD 990		1229	KFTX-3 TX 936
	2058	KLNE-3 NE 958		1540	WDAY-6 ND 1019		1240-1310	INTENSE ES
	2100	KDUH-4 NE 1206		17 E	1021 unID-3 CBS		KMOL-4	TX 1053
	2124	KOTA-3 SD 1233			1031 KENW-3 NM 1206		KMID-2	TX 1174
	2133	KRMA-6 CO 1242			1041 Col9r		unIDs-4-CBS,6	
	2220	KCNC-4 CO 1242			Visi2n-2 DR 1600.	22 E	1058	CBHT-3 NS 1116
12 E	1027	KIII-3 TX 1055		1433	KTBS-3 IA 702		1102	unIDs-2,4
	1050	KFTX-3 TX 911			1500-1600 INTENSE ES		1136	KMID-2 TX 1174
	1058	KMID-2 TX 1174		KIII-3	TX 1055, KMOL-4 TX 1053,		1158	KFTX-3 TX 936
	1058	KMOL-4 TX 1053			KGBT-4 TX 1166, KFTX-3 TX 936,		1159	KENW-3 NM 1206
	1124	KENW-3 NM 1206			KWAB-4 TX 1120, KPRC-2 TX 878,		1229	KAMR-4 TX 1116
13 E	1727	unID-3			KAMR-4 TX 1116, KOB-4 NM 1361,		1229	KPRC-2 TX 878
	1757	unID-2			unIDs-3-CBS, 6-NBC, 6-CBS, 4-NBC,			
	1825	unID-3 SS			and 2-PBS (is one of those new			
	1929	KDLO-3 SD 990			ch2 PBS-TX assnmts on yet??)			
	1958	KTIV-4 IA 855			1613 KENW-3 NM 1206			
	2000	KPRY-4 SD 1098			1622 KLNE-3 NE 958			
	2029	KMOL-4 TX 1053			1759 KDLH-3 MN 882			
	2029	KFTX-3 TX 936			1759 KXJB-4 ND 1076			
	2059	KENW-3 NM 1206			1800 CWFT-3 MB 1182			
	2128	KMID-2 TX 1174			1859 unID-5 w/WASTE			
14 E	1029	KENW-3 NM 1206			in big letters			
	1627	WFSB-3 CT 642			under WCYB, ant. NW			
	1714	unID-3 FF			1859 KMTV-3 NE 797			
	2100	unIDs-2,3,4-CBS			1900 KOTA-3 SD 1233			
					1902 KDUH-4 NE 1206			

---Yet Another Shameless Ad



MAKE THINGS EASY ON YOURSELF



Why spend valuable time playing with globe and string or map and compass, measuring your DX distances manually...and inaccurately? My DX DISTANCE printouts show your exact distance to more than 1200 North American TV stations! Advertised in PopComm for \$10, they are still available to WTFDA members for only \$7. Send your check and latitude/longitude today! (Personal checks O.K.---anyone who would bounce a check on a fellow DXer should be ashamed...)

Dave Nieman, Akron, NY 14001-9529

JUNE 1987			JULY 1987			JULY 1987		
24 E 1218	KSNW-3	KS 1063	16 E 1100	WCPX-6	FL 1008	18 T 0605	WXMI-17	MI 367
				1230 KATC-3	LA 1160		0619 WJAR-10	RI 370
2 E 1800	KFDX-3	TX 1249	17 E 1230	WPTV-5	FL 1123		0620 WTEN-10	NY 234
3 E 2000	KATC-3	LA 1160		1747 CJON-6	NF 1482		0900 WRGB-6	NY 227
	2040 KFDX-3	TX 1249		1747 CJAP-3	NF 1388		0904 WLVI-56	MA 372
	2100 KPRV-4	SD 1093		1803 CJCN-4	NF 1336	20 T 0830	WGBA-26	WI 496
	2130 KDUH-4	NE 1280		1900 KDLO-3	SD 930		0830 WCMV-27	MI 358
10 G 1200	WNYB-49	NY 14		1900 KLINE-3	NE 1102		0900 WXXG-32	WI 509
	Buffalo (test) Stereo			1908 WCCO-4	MN 745		1030 WCMA-6	MI 288
11 E 2030	KTBS-3	LA 1107						

"Still a little E-skip being seen up to channel 4. The big surprise was seeing the good drops on July 18&20. And even bigger surprise was seeing channel 49 Buffalo on the air testing. With its 4.2 mega-watt signal; I think I'll be needing a trap for them."

John D. Buehler, Toledo OH

JUNE 1987			JULY 1987			JULY 1987		
29 E 1400	WPBT-2	FL 1098	11 E 1800	WPBT-2	FL 1098	17 E 1946	KOAA-5	CO 1128
	1700 KRGV-5	TX 1171	"Program funded by the Emil BUEHLER Founda- tion!"				1947 KCNC-4	CO 1138
	2058 KRMA-6	CO 1138				1958	unID-4 w/KAKE-TV ID	(See below--jfc)
	2100 KOAA-5	CO 1128	12 T 2300	WNYB-49	NY 260		2000 KXTX-5	TX 1140
"ID showed channels 5 & 30"			13 E 1600	unID-4 "NBC mix w/SS audio; MUF to 6"		2000	KAMR-4	TX 1075
(That's for their O&O xltr K30AA--jfc)			14 E 1754	KPLO-6	SD 826	19 E 1021	KPRC-2	TX 1064
2130 "2 & 3 total mess + unID-4 ABC & CO stns on 5,6"				1800 KIVV-5	SD 1079		1100 KENW-3	NM 1226
30 T 0622	WXMI-17	MI 124	15 E 1758	KOAA-5	CO 1128		1103 KAVE-6	NM 1282
JULY 1987				1800 KTVG-6	KS 930	1930	KCNC-4	CO 1138
3 E 1059	KBTX-3	TX 1029	16 E 1730	WBRZ-2	LA 888		" + other CO on 2,3,5,6"	
	1100 KPRC-2	TX 1064		2200 KMID-2	TX 1220	21 T 0642	WWTW-9,	MI 196
	1730 KPRC-2	TX 1064	17 E 1900	KSNC-2	KS 830		E 2146	KNMZ-2 NM 1295
				1900 KTVG-6	KS 930	23 E 2130	unID-2 CBS (CIT)	from N.W.

(Your KAKE-10 on channel 4 really baffles me, John! I can't find any ch. 4 xlters that would pick up KAKE-10 as primary. Any of our KS members (Dave Pomeroy and others) aware of such a translator???--jfc)

Joel Rosenberg, 10 Vanhorn Crt., Thornhill, Ontario L3T 5R1

(416) 731-8545

APRIL 1987			JUNE 1987			JULY 1987		
20 T 2245	WSYT-68	NY	2 T 0900	CHOT-40	PQ	15 E 2340	KLBY-4	KS
				0920 unID-2	PBS		2340 KSNC-2	KS
10 G 1524	WNEQ-23	NY	4 E 2030	WBRZ-2	LA	16 T 0750	CBOT-4	ON
18 E 2000	unIDs 2-4 wk			2100 KATC-3	LA	17 E 2000	KSNC-2	KS
23 T 0830	S. Bend 28,34		5 E 1000	KPRC-2	T TX		2100 unID-2	PBS
				1100 WPBT-2	FL	18 T 2130-2300		
25 T 2200	CIVO-30	PQ		2100 KOTA-3	SD		unIDs-33,45,	
	2200 unID-43 E.		9 E 2100	unID-2			51 East	
	2200 WBNX-55	OH	10 E 1930	unIDs-2,3		19 T 0700	unID-60	PBS
26 T 0735	CFSP-35	PQ	13 E 1800	KJRH-2	OK		0726 WOLF-38	PA
	WETK-33	VT	14 T 0824	WOSU-34	T OH		0726 WLYH-15	PA
	WVTA-41	VT		0830 WRGT-45	T OH	21 E	Weak all day...	
	W63AD	VT		1515 unID-3	PBS	24 E	1430-1930 unID 2-4	18 T 0200
	(Rutland WVNY-22)			1630 WESH-2	FL	28 E	---- KPRC-2	TX
28 T ----	Y-town 27,33			End opening		29 E	2000 MUF to 107.5	
	snowfree		15 T 0730	CICO-40	PQ			
	2320 WFGH-53	PA		CHOT-40	PQ	JULY 1987		
	2320 W62??	NY		WNPI-18	NY	2 E 2200	unID-2	
	(WNEB-17...could be any of 4...)			E 1950 unIDs 2-4		3	2030-2200 unIDs 2-4	
30 E 1830	unID-2 ABC			2224 KSNW-3	KS	8 E	2345 unID 2-4 wk	
				2300 KTVY-4	OK	9 T	0750 CFSP-35	PQ
							0750 WOIO-19	OH

"Here's a summary of my DX this year. I first saw WNEQ-23 testing on May 9 while visiting in Buffalo, flipping the dial in the hotel. I couldn't reach the forever-working Bill Thompson! I'm off to Los Angeles next week for a month and hopefully won't miss much. All those shopping and religious channels are very frustrating! Don't they ever ID?? (Yes, Joel, but only when you turn your back, answer the phone, use the bathroom, etc. We are all familiar with the massive conspiracy among CE's to frustrate DXers, hi!--jfc)

Frank Wheeler, 6985 Wattsburg Road, Erie PA 16509

JUNE 1987				JUNE 1987				JULY 1987				
16	E	1130	KPRC-2 TX 1210	24	E	2000	WTVJ-4 FL 1098	7	E	1900	WBRZ-2 LA 1159	
		1158	KMTV-3 NE 815	25	E	1030	KPRC-2 TX 1210			2100	KGFE-2 ND 917	
		1300	KJRH-2 OK 943 (Agn 29	29	E	1700	WBRZ-2 LA 1159	8	E	1159	KWGN-2 CO 1292	
		2032	KPRC-2 TX 1210 at			1800	KPRC-2 TX 1210			1326	KSNC-2 KS 1015	
17	E	1832	KPRC-2 TX 1210 1900			1804	KJRH-2 OK 943	10	E	1400	KPRC-2 TX 1210	
19	E	1700	KFDX-3 TX 1144			2100	WWL-4 LA 1005	12	E	1900	WBRZ-2 LA 1159	
		1730	KCNC-4 CO 1292	JULY 1987				14	E	1730	KDLH-4 NE 1189	
20	E	1330	KUSD-2 SD 851	2	E	1729	KJRH-2 OK 943			1900-2132	KPRY-4, KSNC-2, WBRZ-2, KXJB-4, KFYY-5	
		1900	KPRC-2 TX 1210			1730	WBRZ-2 LA 1159	15	E	1800-1817	WWL-4, WBRZ-2	
21	E	2130	CKCK-2 SK 1322	5	E	2158	KSNC-2 KS 1015	17	E	1800-1830	KMTV-3, KSNC-2	
22	E	0930	WPBT-2 FL 1098	T	2300	WFSX-3 PA 180			18	E	1828	KLEY-4 KS 1238
		1400	KPRC-2 TX 1210	7	E	1725	WPBT-2 FL 1098			1850	KLNE-3 NE 1016	
24	E	1258	KPRC-2 TX 1210			1800	KOTA-3 SD 1169	20	T	1000	WCMA-6 MI 267	
		1259	KQTV-2 MO 779			1830	KDLH-3 MN 682			1100	WNEM-5 MI 272	
		1302	KSNC-2 KS 1015			1850	KBME-2 ND 1033					

Greg Coniglio, 5100 Glenwood Drive, Williamsville NY 14221

<u>JUNE 1987</u>		<u>JUNE 1987</u>		<u>JULY 1987</u>	
2 E	2200 KSNW-3 KS 1051	15 E	1915 WSLI-3 IL 650	17 E	1700 CBHT-3 NS 758
	2331 KDLO-3 SD 948		2224 KLINE-3 NE 1083		1700 unID-3 "Fraggle Rock
3 E	1741 WLBT-3 MS 978		2252 KSNW-3 KS 1051		in FF, earlier saw Japa-
	1800 WREG-3 TN 802	17 T	0700 WTVH-5 NY 131		nese characters, same stuff?
	"perfect signal"		"CBLT off"		
	1807 KTBS-3 LA 1090	19 T	0120 WNPE-16 NY 162		1917 KDLO-3 SD 948
T	1830 WICU-12 PA 90	20 E	1200 KSNW-3 KS 1051		1930 KTVO-3 MO 713
	1900 WSEE-35 PA 90		1223 KNC-2 KS 1094		2100 KLINE-3 NE 1083
E	1905 KOTA-3 SD 1228	25 T	0100 WCNY-24 NY 135	18 T	0158 CIG051-51 ON 141
	2200 WEDU-3 FL 1047	E	1200 KFDX-3 TX 1239	20 T	1555 WJET-24 PA 94
4 E	1557 KMTV-3 NE 894	30 T	2224 CBLFT9-40 ON 134		1600 WOIO-19 OH 191
	1800 KSNW-3 KS 1051		2304 CKCO3-42 ON 176		1600 WQHS-61 OH 188
	1800 KTVO-3 MO 713	<u>JULY 1987</u>		2015 WFMJ-21 OH 163	
	1805 KCTV-5 MO 869	1 T	0026 CIG018-18 ON 134	2015 WKBN-27 OH 164	
	"u/local CBLT-5"		2304 CBLFT14-32 ON 145	2015 WYTV-33 OH 164	
5 E	2030 KDLO-3 SD 948		2332 CJOH6-6 ON 116	2255 CBLFT15-34 ON 141	
7 E	1200 KTVO-3 MO 713	2 E	1600 KOET-3 OK 1039	2257 CBLFT12-44 ON 86	
	1230 KCTV-5 MO 869		1730 KSNW-3 KS 1051	2300 CIG053-53 ON 120	
	1250 KSNW-3 KS 1051		1809+ unIDs-4,5	2300 WENY-36 NY 110	
	"perfect"	12 G	0057 WNYB-49 NY 17	2302 WETM-18 NY 110	
	2300 KLINE-3 NE 1083	13 E	1900 KATC-3 LA 1168	2327 WBR-28 PA 190	
	2310 KUSD-2 SD 963		1920 KTBS-3 LA 1090	2330 WVIA-44 PA 190	
14 E	1600 WEDU-3 FL 1047		1927 KFDX-3 TX 1239	21 T	0012 CBLFT13-15 ON 120
	1907 unID-5 CBS		1930 KOET-3 OK 1039		0018 WNEP-16 PA 190
15 E	1130 KATC-3 LA 1168		1930 KOET-3 OK 1039		0020 WYCU-22 PA 190
		14 E	1900 WABG-6 MS 921	25 T	2308 CBLFT8-61 ON 102
			"In on 87.7 mHz FM"	27 E	1705 WWAY-3 NC 610

This is my first report to your column. June was a great month for DX. July was good for both E-skip and tropo. Most of the Es reached into FM. I only saw 2 openings that didn't. Hopefully, there'll be a few more good openings in August." (Welcome to the column, Greg! I'm guessing at the calls on the ch. 51 and 53 TVO relays. I assume they would follow suit with the previous relays and take the channel number as the suffix to the calls--jfc)

Charles Gauthier, 3260 Beaulieu, Brossard PQ J4Z 2P7

JUNE 1987		JULY 1987		JULY 1987	
5 E	1926 CKYB-4 MB 1305	7 E	1539 WWL-4 IA 1430	20 T	0034 WCDC-19 MA 199
7 E	2328 KSNB-4 NE 1300		1729 WTVY-4 (FL) 1227		0040 WNYT-13 NY 198
24 T	0930 WNPE-16 NY 160		1745 WDAF-4 MO 1186		0045 WNNB-31 VT 138
	0930 WUHF-31 NY 261		1800 WJXT-4 FL 1166	21 E	1145 KARK-4 AR 1264
	0959 CBLFT11-31 ON 209		1959 WUNC-4 NC 745	24 E	0201 KARK-4 AR 1264
	0959 GIC038-38 ON	8 E	1810 WTVJ-4 FL 1448		
	0959 CBLFT11-4-32 ON 173		"In there for 4 hrs."		"Well, it's back to normal for Es,
	1029 WNEB-17 NY 323	13 E	1219 WTVJ-4 FL 1448		but we had the best trop I've
	1029 CICA-19 ON 323		1247 WJXT-4 FL 1166		seen in a long time. Strangely,
	1029 CBLFT-25 ON 323		1259 WTVY-4 (FL) 1227		it's always from NY/ON with few
	1045 WNEQ-23 NY 323		1259 KARK-4 AR 1264		exceptions--can't get anything
	1047 CFMT-47 ON 323	T	2353 WNPE-16 NY 160		from the east. So far it's been
	1059 GIC053-53 ON		2355 WNNY-7 NY 160		my best DX summer. I hope you
	1059 CBLFT12-44 ON 250		"over CHLT-7"		have as much fun as we have up
25 E	0959 WJXT-4 FL 1166	18 T	0033 WCNY-24 NY 220		here!" (It's been a fun DX sum-
JULY 1987			0102 WIVB-4 NY 323		mer all over, I think--jfc)
6 T	0845 CBVT-11 PQ 150	19 T	1838 CKWS-11 ON 173		

Bob Seybold, 10567 Bennett Rd., Dunkirk NY

"Just got through witnessing one of the best E-skip openings of the season here so far, so will write it up while it is fresh on my mind. Have been observing a lot of E-skip this summer. June was great with E-skip almost every day and July has been almost as good with only a day here and there without any. Troops has been OK, not super but generally some almost daily. This is a general summary as not much logging was done:"

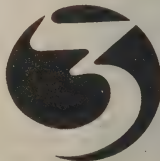
"July 1-15: E-skip nearly every day. Most openings around 1100-1200 and some good evening sessions, a few quite late into evening. Most E-skip, especially channels 2-4, was very intense, easily dumping locals 2 and 4 more so than many past seasons. Most common openings were to WPBT-2, WEDU-3, WEAR-3, WBRZ-2, and KATC-3. WTVY-4, WTVJ-4, WWL-4 very common. Oklahoma 2,3,4 frequent; KSNC-2 and KSNW-3 often, as well as KFDX-3 and KAUZ-6, KLEY-4, ND/SD 2,3,4; KWGN-2 and KCNC-4, KTVS-3. Most of all, many Texas openings with most intense openings covering 2-6 into all of Texas, including 2's from Midland, Santa Fe NM and Mexico--these double-hop. Most troops into IN and southern OH; a couple good openings into IL and to IA 32,40; not much into WI except Milwaukee 18 and Green Bay U's."

"Now to July 16: E-skip noted at 1000 with band full several deep all channels; opening lasted without letup until 1730. It did reach channel 7 several times, but no IDs. FL seen first then over to TX, OK, up into Dakotas, back into TX, and finally into FL. States seen: FL, GA, AR, OK, TX, AL, MS, IA, TN, KS, MO, ND, SD, CO, WY, NE, IA. Had 12 stations on channel 2, 15 on channel 3, 9 on channel 4 (most ever IDed on 4 in one opening), 12 on channel 5 and 13 on channel 6. IDs were difficult and all channels were several deep most of the time. Hope many DXers got in on this one!"

"E-skip back again at 2025...we'll see what happens. OK on 2,3,4,5 strong, lasted about 30 minutes. Troops building late in evening. Chicago 26,32,38,44 and Dubuque 40; WKOT-43. July 17 AM troops good at sunrise from all Ft. Wayne U's (including snowfree 39) and W6BAN religious LPTV very good. South Bend U's good; Indy U's; MI U's super; Chicago U's appearing by 1200 and lasting several hours. E-skip returning about 1000 with FL 2-6 very strong, shifting at times to the Maritimes with Mfld., CKCW-2, CBHT-3 and others with E-skip in north and south at once. Returned again at 1700 and lasted until 2300 with Maritimes in again, also FL, OK, KS, NE, SD, ND, IA. Locals 2 and 4 buried in this one even with antenna pointed directly at them. KLEY-4 KS really super. Skip also good on FM in this opening. Troops good through entire session and improving: IL, OH, IN, and MI. July 18 troops good at sunrise with Ft. Wayne, South Bend, Chicago, Pittsburgh, Michigan U's all good; Indy, Lexington, southern OH U's, WTAP-15. Will conclude this report--more next time!

Tom Yingling, Jr., 221 Pinewood Rd., Baltimore MD 21222-2345

JUNE 1987	JULY 1987	JULY 1987
12 T 0025 WICZ-40 NY 202	8 E 2106 WEDU-3 FL 813	16 E 1315 KOTV-6 OK 1080
13 E 1215 WEDU-3 FL 813	2118 WTVJ-4 FL 937	1325 KYTV-4 OK 1186
15 T 0553 WLXI-61 NC 291	9 E 1813 WEDU-3 FL 813	1326 KFDX-3 TX 1283
19 T 0500 W44AD VA 120	1813 Cuba-3 1100	1327 KSNW-3 KS 1148
"W/WWAY-3 NC"	1813 Cuba-6 1100	1329 KBTX-3 TX 1283
0508 W41AC VA 120	1830 WTVJ-4 FL 937	1449 KTAI-6 (IA) 1076
20 E 1230 WEAR-3 (AL) 869	10 E 1835 WCIX-6 FL 937	1550 KWNB-6 NE 1310
1325 KOTV-6 OK 1080	2013 KSNW-3 KS 1148	At Ocean City MD:
"FM MUF to 101.5"	2015 WPBT-2 FL 937	17 E 0855 WESH-2 FL 937(?)
21 T 2330 WSBK-38 MA 345	13 E 1501 Cuba-3 1100	0855 WPBT-2 FL 937
2330 WSBK-36 RI 314	1501 Cuba-6 1100	0910 WEDU-3 FL 750
2330 W35AB PA 89	1501 WEDU-3 FL 813	1225 WWL-4 LA 950
2330 WUNP-36 NC 210	1926 KTVG-6 KS 1301	1228 WBRZ-2 LA 950
2345 WKFT-40 NC 291	1926 KSNW-3 KS 1148	1230 WSB-2 GA 550
22 T 0048 WDPB-64 DE 51	2026 KATC-3 LA 1001	1240 WMAB-2 MS 750
"W/WWBT-12 after WHHY s/off!!"	2048 WEAR-3 (AL) 869	T 2047 WLII-21 NY 189
0048 WLFI-22 NC 274	14 E 1645 KENV-6 AR 904	2058 WLII-55 NY 200
24 T 2100 WJAL-68 MD 100	1716 WDSU-6 LA 1001	2300 WLVI-56 MA 352
25 T 0520 WTHN-8 CT 237	1748 KTVG-3 MO 807	2305 WSBK-38 MA 350
0520 WNAC-64 (MA) 324	1811 WQWT-6 NE 1048	2330 WTTX-20 CT 250
29 E 1920 KTVG-6 KS 1301	2200 KTBK-3 LA 1080	
"IDs as KBS"	2345 WFPT-62 ND 65	
1930 KSNW-3 KS 1148	(ex-W62AY)	
"FM MUF to 107.9"	2350 WGPT-36 MD 135	
2030 KOET-3 OK 1080	(ex-W36AB)	
2035 KFSM-5 AR 1021	15 T 0005 WUNP-36 NC 240	
2035 KXAS-5 TX 1239	0005 WPTF-28 NC 274	
2045 KFDH-6 TX 1178	16 E 1150 KAUZ-6 TX 1282	
2050 KCEN-6 TX 1295	1254 WEDU-3 FL 837	
	1310 KFDH-6 TX 1178	



KIII TV

PO BOX 6669
CORPUS CHRISTI
TEXAS 78411

Robert Grant, 5775 Bishop, Detroit MI 48224

JUNE 1987	JULY 1987	JULY 1987
20 E 1330 CBHT-3 ? NS T	3 E 2030 KOET-3 OK 833	17 E 1625 unID-8 zero off-
1400 KDLO-3 SD 752	2030 KJRH-2 OK 811	set to ENE
21 E 1200 KBMR-3 ND 924	2130 KOTA-3 SD 1026	1722 unIDs Quebec
22 E 1400 KWGN-5 WY 1138	2235 KFDX-3 TX 1030	1810 KTVG-6 KS 976
unIDs	5 E 1750 CICI1-3? ON T	1824 KQTV-2 (KS) 664
2327 KIII-3 TX 1310	7 E 1645 WSAV-3 GA 721	1830 KFDX-3 TX 1030
25 E 1030 KTXT-5 TX 1195	1830 CBHT-3 NS 976	1900 KLINE-3 NE 866
1050 KXAS-5 TX 1024	11 E 2000 KTVS-3 CO 1045	2025 KXTX-5 TX 1195
1130 KCEN-6 TX 1100	2200 KENW-3 NM 1279	2049 KLEY-4 KS 985
1215 KFSM-5 AR 776	13 E 1930 KBTX-3 TX 1093	2130 KUSD-2 SD 754
1215 KOTV-6 OK 811	14 E 1630 CJCH-5 NS 976	19 E 1000 KBTX-3 TX 1093
1250 KOAA-5 CO 1168	1720 CKLT1-3 NB 806	20 T 0540 CKCQ2-2 ON 197
1300 KRMA-6 CO 1174	1727 WFSB-3 CT 511	0725 WWUP-10 MI 259
1300 KFDX-3 TX 1030	1730 WCVB-5 MA 597	0725 WCML-6 MI 198
1400 KSNW-3 KS 833	1800 WLNE-6 (RI) 605	0800 CKVR-3 ON 211
28 E 1126 CJCH-5 NS 976	"State #38"	0800 WJMN-3 MI 325
29 E 1815 KNMZ-2 NM 1340	1810 WONT-6 or KWNW-6	0830 CHEX-12 ON 268
"Es #100"	1822 KFYR-5 ND 925	0950 WNYB-49 NY 210
1815 KOTV-6 OK 811	1845 KSRE-6 ? ND T	1000 WGRZ-2 NY 224
1825 KAUZ-6 TX 1029	1845 KOTA-3 SD 1026	26 E 2100 unIDs-3 ABC,CBS
1833 KJRH-2 OK 811	1900 KDLT-5 SD 733	T 2100 CKCQ2-2 ON 197
1840 KAMR-4 TX 1126	1900 KPLO-6 SD 845	27 T 0030 CICO12-12 ON 170
1900 KTAL-6 (LA) 892	1915 KTRY-4 SD 869	0130 WREX-13 IL 322
1915 KXAS-5 TX 1024	15 E 1800 WCFX-6 FL 960	0130 WTAJ-10 PA 265
1921 KARK-4 AR 736	16 E 2000 unIDs-2,3	0345 WWCP-8 PA 250
2030 KOAA-5 GO 1168	17 E 1625 CJCH-5 NS 976	(Station #357)
2030 KTVG-6 KS 976	1625 unID-6 SRC	0600 KDKA-2, WTAE-4,
2230 KCEN-6 TX 1100		WJAC-6, WTRF-7

"Nice Es openings 6/29, 7/14 and 7/17. On 6/29 KAMR-4 was in for 4 hours with various wx warnings. Got state #38 7/14...Montana is the only other state I expect to get. Saw some channel 8 Es on 7/17, oddly on the 7th anniversary of a super Es opening, the first of 2 previous times I've seen hi-band Es. This time as well as the last two I never Ided any video or audio. SRC on 6 is a tough unID-only SRC on 6 with more than 10 kw is in Alberta, but I still think it was something from the east. (How about CBGT Matane PQ which is only 3.7 kw but fits the direction?--jfc) On 7/20 tropo on channel 3 looked more like Es--WKYC, WJMN, and CKVR all strong. Circular polarization of WGRZ-2 easy to notice on local WJBK--on portable TV with single "ear," just put antenna up and WJBK gets blown away."

John F. Combs, 1308 Willow Branch #24, Jacksonville FL 32205

JULY 1987	JULY 1987	JULY 1987
3 E 1134 KGAN-2 IA 1002	10 E 1720 Noted, no time...	23 T 0450 WSVN-7 FL 313
1134 KUSD-2 SD 1210	11 E 1028 WIPM-3 FR 1249	0450 WFL-8 FL 174
1159 KLINE-3 ? NE T	1727 Noted, no time...	0450 WTCG-44 FL 174
1206 KQFE-2 ? ND T	13 E 1915 WKAQ-2 FR 1294	0450 W29AB FL 77
1230+ I'm away...	1919 WIPM-3 FR 1249	0512 WJKA-26 NC 335
2030 Noted, no time...	1958 KDKA-2 PA 710	E 1605 unIDs-2
4 E 1049 KPRC-2 TX 827	1959 WKYC-3 OH 766	1630-1945 I'm away...
1056 KIII-3 TX 977	2000 WTVN-6 OH 675	1945 unID-2,3 hindered
5 T 2250 WTAT-24 SC 216	20 T 0506 WWAY-3 NC 335	by strong ext. GWD
2250 WJKA-26 NC 335	0514 WCBD-2 SC 216	26 E 1954 WGBS-2 ? NY T
2250 Tampa 22/28/44 T	0514 WECT-6 NC 335	(Es in most of PM,
6 E 1638 CKCQ2-2 ON 1012	0514 WCSC-5 SC 216	but T-storms wreck it)
1658 WKYC-3 OH 766	0532 WJBF-6 (SC) 215	27 E 1831 unID-2,3 SS
7 E 1818 WBBM-2 IL 866	1913 WWAY-3, WCBD-2	29 E 1206 WFSB-3 CT 934
1900 KSNW-3 KS 1040	2129 WCSC-5 SC 216	1231 KJRH-2 OK 925
1902 KGAN-2 ? IA T	21 T 0500 WWAY-3 NC 335	1243 KOET-3 ? OK T
8 E 1905 WGRZ-2 NY 875	0500 WCSC-5 SC 216	(Then nap...upon awa-
1910 WSTM-3 ? NY T	1734 WWAY-3 still!	king, found!)
1935 unID-6	2200 WJKA-26 NC 335	1435 KNOP-2 NE 1301
9 E 1850 KGAN-2 IA 1002	2200 SC 24,26,27	(Ided about 3 sec. after
1850 KIMT-3 IA 1033	2200 Charleston 2,5 T	I turned the set on!)
1850 WONT-6 NE 1103	2216 SC 16,19,23,33	1440 f/out
1904 KUSD-2 ? SD T	2300 WFLX-29 FL 272	1643 unID-2 SS brief
1912 KMTV-3 NE 1103	2300 WAYK-56 FL 182	
1928 KQTV-2 (KS) 982	22 T 0520 WWSB-40 FL 194	
1938 KYTV-3 MO 800	0520 WBSF-33 FL 313	
1945 KMOS-6 MO 879	0520 WTCG-44 FL 174	
2000 WFSB-6 KY 633	0520 WHTT-45 FL 312	
2054 KCTV-5 MO 948	0520 WFLX-8 FL 174	

Doggone it! I always seem to fill out to the bottom of the page with my report, and never have enough room for comments! Well...maybe next time. 73, JOHN.



FM NEWS

Bruce F. Elving, Ph.D., Editor
241 Anderson Road
Esco MN 55733-9413

New Station, Translator Grants (Selected Translators Only)

CA Carmel Valley K228CU 93.5 (KSUR 99.5 Greenfield)
CA Corcoran KLCZ 102.3 3000 h.v.; 100 m
CA Guadalupe 105.5 160 h.v.; 409 m
CA Julian 100.1 63 watts h.v.; 566 m
CA Modesto *90.5 1500 h.v.; 566 m, g, M.
Adventist Academy (high school—see also "Deletions," below) (San Francisco)
CA Victorville K202AX *88.3 (KEAR 106.9/
FL Panama City Beach 105.1, class C2, but FCC has not announced power, ht. Any DXer know more about this station?
FL Tarpon Springs *88.9 50000 h.v.; 151 m, g, FL Christian Education (Melbourne)
FL Vero Beach W261CC 100.1 (WCIF 106.3/
IL Quincy 103.9 3000 h.v.; 88 m
MN Ely 92.1 3000 h.v.; 90 m
MS Jackson WWCJ *89.3 6300 h.v.; 91 m, \$, g, on air! believed taken over by Joy Public Broadcasting (99.7 Kansas City
MO Jefferson City K285DP 104.9 (KMBR/
NM Dulce *90.5 100 watts h, 93 v; 468 m, e, Jicarilla Apache Tribe (Hobbs)
NM Roswell K2960R 107.1 (KZOR 94.1/
OK Pawhuska 104.9 3000 h.v.; 100 m transmitter 8 km NNE, with coverage just missing Bartlesville; read more about facilities changes reaching or not reaching certain nearby cities in FMedial
TX Galveston 104.9 3000 h.v.; 100 m
TX Huntsville KSHW *90.5 3000 h, 77 m, \$, Sam Houston State U., which also owns 10-watt KSHU *89.3, which has embraced Stereo
UT Blanding 92.1 3000 h, 70 m
WI New Holstein 95.5 3000 h.v.; 100 m
WY Jackson 95.7 100000 h.v.; 322 m
WY Laramie 105.5 3000 h.v.; 100 m
PR Levittown WJDZ *88.5 360 watts h.v.; 37 m, Community Educational Group, Corp, on air
MEXICO CH Ciudad Juarez XHNZ 107.5, on air with \$, I, "Estereo Vida" (stereo life; strict nonID); 100000 h.v.; 600 m
CH Tuxtla Gutierrez XHTGZ 96.1, \$, "Estereo Grande...station on 96.9 not audible"
Mexican mysteries: 89.3, strong \$, I-formatted station, and a weaker companion on 93.9, \$, I, "both heard with XHFL 90.5 Ciudad Obregon; both are somewhere in Sonora or northern Sinaloa."

Canada mysteries: MB Gillam 99.9 CBC, CBW Winnipeg relay, to replace AM broadcaster, but no power, ht. mentioned
NB Lynn Lake 95.1, as above
MS Shelbyville CJSLS-1, a 5500-watt repeater of CJSLS Yarmouth, frequency not known
ON Elk Lake *89.7, CBC English
ON Sioux Lookout 90.1
Many of above may be just applications, not yet granted

Call Letters Assigned

CA Chico *90.1 KZFR
CA Greenacres 106.3 KRAB
CO Denver 95.7 KSSY (not KSSY), mr., "soft ac, Sunny-96" (oldies)
105.1 KXKL-FM (KBRQ-FM), "Cool 105,"/
CO Pueblo 98.9 KPKE (KKMG)
FL Apalachicola 100.9 WAPY
FL Immokalee 98.3 WIKX-FM (AM is in North Fort Myers). Changed from WIKX (FM).
FL Stuart 92.7 WZZR (WRIT)

FL West Palm Beach 107.9 WIRK"-FM" (WIRK-FM; AM has new calls)
HI Waipahu-Honolulu 92.3 KXPW (KULA), r ("top 40"), "Power-92"
ID Emmett 101.7 KKIC"-FM"; AM in Boise ID has new calls [age, jazz"]
IL Chicago 95.5 WNUA (WRXT), mj, "new/
IA Fairfield 95.9 KMCD-FM (KBCT) r, from k, "sounded automated"
IA Red Oak 95.3 KLRZ (KOAK-FM), b?
LA Marksville 97.7 KAPB-FM (KWLH)
MD Glen Burnie 95.9 WHTF (WWIN-FM)
MA Harwich Port 93.5 WFXR
MA Lowell 99.5 WSSH-FM (WSSH), with WSSH AM replacing bankrupt WMRE. To simulcast, but any format change not announced
MI Dearborn 100.3 WNIC (WNIC"-FM")
MI East Jordan 100.9 WIZY
MI Gaylord 95.3 WMJZ-FM (WZXW-FM)
MT Dillon 98.3 KDNL-FM (KDNL)
NE Omaha 92.3 KEZO-FM (KEZO), still "Z-92," AM now simulcasts with the FM
NY Rochester 97.9 WPXY-FM (WPXY"-FM"; AM affiliate decides not to change calls)
NC Columbia 105.7 WRSF (WVOC)
NC Fuquay-Varina 103.9 WAZZ (WAKS-FM)
NC Hickory 102.9 WRLX"-FM" (WRRX), b, had been off the air for the last several weeks when calls were still WHKY-FM
OH Chad 106.3 WEIR-FM (WHDH); AM is in Weirton WV
OH Fostoria 96.7 WBVI (WFOB-FM)
OH Van Wert 98.9 WKSD (WERT-FM)
OH Xenia 95.3 WBIZ-FM (WBZI)
TX Dallas *89.3 KNON (KCBF-FM), je *90.9 KCBF-FM (KNON); 100000 h.v.; 209 m, g [adds Austin ID
TX Georgetown 96.5 KQFX (KOTN-FM);/
TX Palestine 98.3 KNET (KYYK), still k, but easy country
VA Mount Jackson 96.9 WSIG-FM
VI Christiansted 99.5 WVIQ (WIVI)
BG Ecmont 107.5 CIEG (not CISO-)
NB Saint John 100.5 CIOK"-FM"
NT Hay River *100.1 CJCJ-1, r, "adult contemporary"

Canada Calls Mystery: ON Toronto (Downsview, Radio York) 105.5, mentioned by one contributor as CHRY (not CJRY?), s format

Facilities Changes Granted

AL Dixons Mills WMBV *91.9 (from 90.9), g
AR Little Rock KHLT 94.1 389 m; (100000 h.v) [; \$7, "variety" format
CA Garberville KMUD *91.1 (not 89.7); on air/
CA Le Grand KEFR *89.9 1800 h.v.; 652 m
CA Vacaville KUIV 95.3 650 h.v.; 210 m
FL Key West WAIL 95.3 302 m (100000 h.v.)
FL Pensacola WPCS *89.5 (from 89.3) 405 m (100000 h.v.); xmtr in AL
FL Starke WYPX-FM 106.3 1350 h.v.; 151 m
GA Athens WUGA *91.7 (not 91.3)
GA Atlanta WPGH 94.9 100000 h.v.; 300 m [h.v)
WKSLS-FM 96.1 100000 h.v.; 300 m [h.v)
GA Marietta WKHX-FM 101.5 300 m (100000/
GA Toccoa WZLI 106.1 345 m (100000 h.v.)
HI Honolulu KMAI 93.9-44 m (100000 h.v.)
ID Nampa KFXX-FM 94.9 49000 h.v.; 821 m
LA Baton Rouge WYNK-FM 101.5 457 m (100000 h.v.)
ME Brewer WHT-FM (although one source claims the calls are "WKIT-FM") 100.9, supposed to be changing to 100.3, 100000 h.v, but nothing official on this
MI Atlanta WAIR 92.5 265 m (100000 h.v.),

transmitter Johannesburg MI; to serve... (cities listed in FMedial)
MI Flint WFBE *95.1 50000 h.v.; 74 m
MS Hattiesburg WHSY-FM 104.5 300 m (100-000 h.v), nondirectional antenna
MO Lebanon KIRK 103.7 300 m (100000 h.v)
MO Thayer KLHO 99.3 100 m (3000 h.v); transmitter Wirth AR; serving not serving... [h.v)
Salem AR
NJ Eatontown WHTG-FM 106.3 71 m (3000/
NM Farmington KRWV 92.9 61000 h.v.; 120 m
NY Clifton Park WCSF 96.7 100 m (3000 h.v)
NY Houghton WJSL *90.3 6000 h.v.; 66 m, "They have a good signal into the area now"
NY Owego WQXT 101.7 1000 h.v.; 174 m
NY Tupper Lake WPTL 102.3 150 h.v (442 m)
NC Belhaven-Bath WKJA 92.1 (from 101.1; previous grant rescinded) 3000 h.v.; 85 m
NC Hendersonville WMYI 102.5 "My-102.5 FM," 20000 h.v.; 543 m, transmitter atop Pinnacle Mountain, SE of Hendersonville, in Henderson County, nr. Still in Hendersonville, but gives misleading references to Greenville-Spartanburg-Anderson when using nonID, not mentioning city of license, except when giving official ID. [m
OH Mount Vernon WLOI 93.7 37000 h.v.; 172/
PA Cresson WBXQ 94.3 350 h.v.; 292 m
PA Huntingdon WRLR 103.5 (from 106.3) 160 h.v.; 435 m, see also "Deletions" for facts of WKVR [99.3, new calls not announced)
PA Nanticoke W208- *89.5 (from W257AK/
SC Charleston WSCI *89.3 83000 h.v.; 415 m
SC North Myrtle Beach WNNB 105.5 2500 h.v.; 107 m, transmitter Wampee SC
TN McKenzie WYWN 109.6 272 m (100000 h.v), transmitter Milan, serving Fulton KY and these TN towns: Paris... Milan, Trenton [h.v)
TX Haskell KVRP-FM 95.5 319 m (100000/
UT Provo KBYU *89.1 (from 88.9) 888 m (32000 h.v) [31000 h.v (186 m)
WI Sturgeon Bay WSBW 99.7 (from 100.1)/
WY Greybull KZMQ 100.3 56000 h.v.; 745 m
ON Sault Ste. Marie CHAS 100.5 has a facilities improvement, including a new transmitter, "with the easy listening even easier now that the signal blankets the area," but power, height not announced
To change frequencies (not official yet): TX Humble KSBJ *88.1 announcing change to take effect in August to *89.3, permitting them "to go back up to 100,000 watts," but station has not replied to our inquiry as to what their current power is, or why it had to be reduced. This change will result in KJIC Pasadena TX moving from 89.3 to 88.1

Format Changes

Formats are the same as in the "FM Atlas"
AL Bay Minette WLPB 105.5 b, ID with Mobile CA Davis KYLO 105.5, no gr
CA King City KLF4 93.9 (moving from 92.1) r, "classic hits, oldies," not 24 hours, signing off 11 p. m.
CA Northridge KCSN all k, with its expected soon transmitter move controversial. It will drop from 3000 to 52 watts, but go up to 646 m, giving line-of-sight to new areas, but some think they are giving up too much power for this move. "You can't even read with a 52-watt bulb," and other fears are the weak signal won't penetrate thick walls, and will be weak in areas the station now reaches effectively.
CO Denver KUVO *89.3 j (no Spanish), \$ KCFR 90.0 c when not carrying NPR, no p[rogressive rock] any more

CO Longmont KQKS 104.3 r, \$, "definitely on the air"
 CO Manitou Springs KCME *88.1 all c
 FL Jacksonville WEJZ 96.1 mj, Percy Faith, Lionel Ritchie, etc, no SCA, no nonID
 GA Thomaston WTGA-FM 95.3 ks, country days, soul nights
 ID Twin Falls KCIR *90.7 g (not gc), mono
 IL Monmouth WM01 97.7 r, "hit rock"
 IA Burlington KDWD 93.5 r, \$, "The Rock of Burlington"
 KS Ottawa KHUM 95.7 r
 LA Alexandria KLSA *90.7 j, \$
 ME Rumford WWMR 96.3 g (to be on in Sept. after a hiatus, following its former CHR format)
 MI Iron River WIKB-FM kr, "we program



modern country music in the day, while we switch to rock in the evenings"
 MI Lincoln WJXQ 106.1 r, not rp
 NE Lincoln KLDZ 95.3 r (oldies)
 NM Albuquerque KUNM *90.1 cj (plus translators), dropping free-form and progressive, prompting station volunteers to strike. Station off the air July 2-12, but returned the 13th on reduced hours.
 NM Santa Fe KXSS 97.3 rs
 NY South Bristol WZSH 95.1 b, "no longer Music of Your Life, but mostly instrumental beautiful music," ID with Rochester, "Wish-95," affects 1 translator
 NC Greensboro WQMG 97.1 r (not s)
 NC Kannapolis WRFX 96.7 r (top 40), still "The Fox"
 TX El Paso KOFX (not KFOX), r, "Fox-92"
 KLTO 94.7 rm
 KPRR 102.1 rs
 TX Fort Worth KOJO 94.1 gr, "contemporary Christian," drops Spanish
 TX Hamlin KWZD 103.7 k, "Wizard-104," not known if \$ (contemporary)"
 UT Ogden KDAB 101.1 sr, "black adult/
 UT Salt Lake City KISN 97.1 rm (light)
 VA Buffalo Gap WSPV 105.5 r (CHR), ID with Staunton, not known if \$
 VA Manassas WBWM 106.7 rj, "new age," which is supposed to be different from "new wave." Can someone write in and explain the difference in 25 words or less?
 PR Bayamon WGSX 94.7 r (oldies), "95-X"
 WYXY 100.7 r, English, "top 40"
 PR Carolina WVOZ 107.7 lm, "salsa"
 PR Cidra WBRQ 97.7 m, "Spanish ballads, O-97"
 PR Corozal WORO 92.5 b
 PR Fajardo WDOY 96.5 s, "disco/urban, O-96"
 PR Guayama WSRa 106.9 l, "Spanish ballads"
 PR Luquillo WZOL 92.1 lm, "salsa/merengue"
 PR Rio Piedras WFID 95.7, English, "Fidelity 95%," [no English]
 PR San Juan WZNT 93.7 lm, "salsa,"
 WIAC-FM 102.5 l, "Spanish ballads"

Stereo, or to be Stereo

CO Evergreen BPH-8212178G, operating on FCC file number, since call letters not assigned, 96.5, is on the air with granite-hard rock"; although another source claims this station is KKKF with country! And watch 92.1 KTFE-FM Toole UT, simulcasting with KRPN 107.9 Roy UT, and misidentifying as "WKRP Salt Lake City" with oldies rock
 GA Hazlehurst WVOH-FM 93.5; a nonverifying station; anybody know a contact there who's friendly to DXers?
 KY Corbin WYGO-FM 95.5
 MS Winona WONA-FM 96.7

NE Crete KBVB 103.9, m
 NE Orchard KGRD *105.3, on air, g, noncommercial, started 7-15-87
 PA Lewistown WCHX 105.5, rm, "started 7-1-87"
 TX Alpine KALP 92.7, "New FM-93," k
 TX Fabens KPAS 103.1

NonIDs, Not Just Slogans

AZ Phoenix KOY-FM 95.5 Y-95 (strict), r (CHR), "mostly produced sweepers and liner-cards at the moment, but will be live around Aug. 1. Still simulcasting the Bill Heywood morning show from KOY AM, and will keep doing so—a curious non sequitur!"
 CA Hollister KHIP 93.5 K-Hip (not strict)
 IL Aurora WAUR 107.9 FM-108 (not "Lifestyle FM"), rm, "best music of the 60s, 70s, 80s; a good music mix"
 IL La Salle WAJK 99.3 no "Music 99," m
 IL Naperville WONG *89.1 FM-89, r
 IA Fort Madison KBK8-FM 101.7 FM-102
 NE Cozad KQOC 104.5 KC-104% (not KC-105)
 NM Alamogordo KKBK 94.3 still "94-Key," as it was when its calls were KKEE
 NC Eden WWMY 94.5 "Classy," still b, dual city ID with Greensboro
 NC Greensboro WUAG *106.1 The Music 106, "a professional-sounding 10-watt drop-in...The problem is, when the station moved from 90.9 to 106.1 a few years ago, WVOT in Wilson, about 100 miles away, didn't have much more coverage than a 10-watt transmitter itself. Now WVOT has become WRDU, a rimshotter into Raleigh-Durham with a rather strong signal into Greensboro...So WUAG's signal pushes against the tide, and in most of Greensboro's environs, 106.1 sounds like a mess" [97 (strict)]
 ND Grand Forks KNOX-FM 94.7 Power/
 SC Mt. Pleasant WDXZ 104.5 Dixie-104% (not Dixie-105) [not KG-100]
 SD Rapid City KGGG 100.3 Hit-100/
 TX Odessa KQIP 96.9 Q-96.9 FM
 NS Kentville CKWM 97.7 Magic 97, rc, "listeners get light rock during the day and classical music in the evening" because of having to make 7 p. m. to midnight available to the CBC
 ON Windsor CKLW-FM 93.9 FM-94

Multi-City IDs (See this feature in FMedia!)

AK Fairbanks KINQ 95.9 (along with AM KBCN) went off air.
 MD Frederick WJTM *88.1, "have not heard them in 2 trips through Frederick, March and June"
 NY Webster WFRW *88.1
 TX Burkholder KXTW 104.7
 TX Freeport KGLF 103.3
 TX Granbury KFII 106.7

Deletions

CA Bakersfield KBKE *91.3, "application dismissed for assignment of license to Family Stations, Inc. [and] application denied for extension of time"
 CA Modesto KDHS *90.5 (see "New" above)
 PA Huntingdon WKVR *103.5 (see "Facilities," WRLR above)
 TN Donelson W257AR 99.3, a WBVR Russellville KY translator; see "New" above, or in FMedia! last month
 WV Philippi WQAB *92.1, "application denied CP to replace expired permit"

On Air (Selected)

CA Burney KIBC *90.5, mono, g
 CA Los Altos KFJC *89.7 (not Los Altos Hills CA), "definitely on the air. I recall it disappeared for a very short time not long

ago, but many of the student-run stations do that. KFJC is quite an institution in the South Bay, with quite a following..."
 CA Morgan Hill K257BL 99.3, "but KLRS, up on Loma Prieta Mountain, blasts down into that town on 99.1, from an elevation nearly 4000' above the valley floor, and only about 15 km away. The translator of KOME is virtually useless. They need to move it"
 MI Saugatuck WEVS 92.7, \$, r[ock] oldies
 MN Grand Rapids KNNS 96.9 back on with more power, but they, KAXE *91.7 and channel 18, a LPTV station, all seem to be on lower-than-normal power (all use same tower)
 NY Henrietta WBER *90.5, "used to run 10 watts, sounds like more now" (is 2500 h; 127 m).
 TX Palestine K280CL 103.9 broadcasting from 15 m pole on 5-story building, which is dwarfed by Catholic church directly across the street to the west (which reduces coverage in that direction)
 WA Longview KJUV *89.5, \$, g
 WV Summersville WCVW 92.9 and
 WV Sutton WCKA 97.1, "both were alive and well in June"

Fmistake, FCC-FM Aug., p. 20

AL Mobile WAVH 96.1—should have been under facilities, not "call letters"

SCServices, 57-92 kHz (see this feature in FMedia!)

Others plus

GA Cumming WVEV *91.5 tG 67 kHz, promoting same as "Christian Background Music," at \$15/month; call them from GA at 1-800-522-9150. I thank Nick Lombardi for the demo tape; I believe I heard them on skip with an "FM-91.5" nonID, which sounded strict
 MA Falmouth WFAL 101.1 tT 67 kHz—Talking Information Center feed from WATD 95.9 Marshfield; getting program from land line, but will be buying Magnum FT-101 receiver from us, modified with SCA for direct off-air pick up of the SCServices signal, and thereby saving telephone line expense
 MN Bemidji KCRB *88.5 tU (tone) 92 kHz, still tT 67 kHz, but with occasional preemption for ABC network relay; Paul Harvey and part of news-cast displaced the readings for the blind, 7:30 a. m. local time. This service used to feature Native American programming, beginning 9 a. m. weekdays
 MN Duluth KUMD *103.3 will not carry Muzak. University does not want the station to engage in money-making activities, or to program its SCA in a way that is much different from the main channel. This is a novel idea, and has achieved expression, above, in the example of WVEV Cumming GA, with a g main channel format and background "g" format on its subcarrier.
 MN Mankato KYSM-FM 103.5 recently interrupted its background music to simulcast severe weather warnings with its main carrier; in-house music later returned, 67 kHz
 VA Yorktown WYCS *91.5 tT 67 kHz; simulcasts on main carrier the reading service taking place on the subcarrier; readings include items from the "Times Herald"
 And others too numerous to mention here!

AM Happenings Most Likely Caused by FM

One of the controversial features of FMedia! Read it there, as well as "AM Happenings—A Rebuttal by Geov Leal Parrish"

"... Kicking AM stations to the degree you do was probably very necessary for an FM advocate 25 years ago, or even 15 years ago. Now (to me,

and a number of others I've talked to) it seems more like venting a pathological hatred than anything else, and it really demeans your otherwise fine work. When the technology comes along that supplants FM the way FM has supplanted AM (and it inevitably will), I hope you're more graceful than in defeat than you are now in victory!"

Elving responds: The "AM Happenings" is admittedly dishonest, since I do not normally print news of AM stations coming on the air. After all, FMedia is an FM newsletter, and it is not involved with AM frequency changes, call changes, etc. Nor can we always know, at a distance, the exact cause for a station going off the air or reducing its staff, but I feel safe in saying AM happenings Most Likely caused by FM.

FM Rulemakings—Filed, Proposed, Finalized

More Small-Print Happenings and FM Industry News

Read these in FMedia Also, Dr. George Bailey's analysis of how new commercial formats are eating into public radio's audience. Read my editorial "False Front Applicants Deserve Scrutiny," attacking religious applicants for reserved, educational channels, and attacking women! There's also FM Forum, an item about WQMI-FM York Center ME not properly identifying (and its address is hard to find; two of us have had letters addressed to them returned by the postal service; "Broadcasting Yearbook" is no help). There's a metro Los Angeles FM station dial history, and a NY City dial history, 1941-48, by Frank Drobny, and the History of WHCN Hartford by Michael Collins and Dr. Al Germond. Copies of the Aug. FMedia were given out to everybody attending the WFTDA convention in Esko MN.

See Also August VUD For:

- AZ Arizona City KXMK 106.3 Sonido Cosmico (from "Cosmic 106") nonID, Jefferson, p. 45
- AR Hope KXAR-FM 101.7 ID with Texarkana, Fela, p. 37
- AR Pine Bluff KZLR-FM 94.9 Z-95, Fela, p. 31
- CT Shelton WRXC *90.1 \$, apparent cj format, Bugaj, p. 25
- FL Port St. Joe-Panama City WJST 94.5 k format, Bugaj, p. 25
- IA Ida Grove KIDA 92.7 FM-93 (not strict), Fela, pp. 36-37
- KS Emporia KNGM *91.9 g, but not known if it broadcasts in stereo, Nollman, p. 26
- LA Crowley KAJN 102.9 possible format change from g to k, Coniglio, p. 31
- MS Leland WBAD 94.3 94-Bad-FM, Nordquist, p. 32
- MO Jefferson City KTXV 106.9 Power-107 (from "FM-107") Bueneman, p. 46
- MO Kansas City KCPW 94.9 Power-95, Bugaj, p. 25
- MO Springfield KWTO-FM 98.7 99-Hit-FM, Nollman, p. 26
- NE Alliance KAAQ 105.9 KO-106, Sittel, p. 40
- NY New York WYNY 97.1 Country-97, k, Fela, p. 31
- NY White Plains WFAS-FM 103.9 Bright-104, Nollman, p. 26
- NC Moxock WO FM 92.1 r, "Magic-92," McVey, p. 42
- NC Tarboro WKTC 104.3 tX (not tM) SCA, 67 kHz, p. 23
- NC Wanchese WOBR 95.3 Beach-95, Fela, p. 37
- OH Cambridge WOUC *89.1 (and WOUB *91.3) possible format change from kc to cj; have those stations dropped country? Nieman, p. 29

- OH Cleveland WMJI 105.7 note spelling of nonID, "Majic 105.7," Fela, p. 31
- OK Ada KASX 96.7 96-X (not "FM-96"), Nordquist, p. 32
- OK Lawton KQLI 94.3 I-94, Nordquist, p. 32; also I'd like to know if this station has stereo, and its music format
- PA Philadelphia WRTI *90.1 directional, Fela, p. 31 [Bugaj, p. 25
- SC Bamberg WWLT 92.1 k, "92-Country," SC Hanahan WAVF 96.1 tX SCA, 67 kHz, p. 24 [103.1 Mix FM, Nollman, p. 26
- TN Jackson WMXX 103.1/ [p. 31
- TX Beaumont KZZB-FM 95.1 B-95, Coniglio, TX Commerce KETR *88.9 apparently no longer using "FM-89" nonID, Nieman, p. 29

- KEMM 92.1 k, Fela, p. 37 [p. 29
- TX Fredericksburg KFAN 101.1 k, Nieman, TX Merkel KFOX 102.3 Fox-FM nonID (note calls are not "KFOX"), p. 24
- TX Springtown KMQX *89.1 k format, but is it in Stereo? Coniglio, p. 31
- VT St. Johnsbury WNKV 105.5 V-105, Pepin, p. 27; Alain Pepin was my on-air guest on WKLF-FM 100.9 and AM Cloquet Aug. 2, talking about DXing and pronunciation of many MN place names with French origins
- VA Berryville WWO 105.5 Apple Country, Fela, p. 31 [Your Life," not k, p. 23
- VA Onley WESR-FM 103.3 m, "Music of / MB Brandon CKX-FM 96.1 KX-96 FM, r, Richardson, p. 33
- ON Toronto CHFI 98.1 FM-98, Bugaj, p. 25

Readers' Reports

A bunch of goodies from W. R. McIntosh in CA, including an article in the L. A. Times by Jay Sharbutt, quoting Thomas Murphy, ABC/Capital Cities, asking that the 3-year rule for holding stations be restored. That way, stations would be run by people having a dedication to broadcasting, not "just professional financial people," but he does favor the current rule allowing one owner to have up to 12 FM and 12 AM stations, exceeding the previous limit of 7.

The case against KPFK *90.7 L. A. alleging obscenity has been dropped, despite the



FCC's having urged the Justice Department to intervene. Since broadcast was after 10 p. m., Justice felt it didn't have a good case.

NBC has sold its radio networks to Westwood One, Inc., which also owns Mutual. Norman Pattiz founded Westwood One in a one-room office 12 years ago. No plans yet to change NBC, which will have a separate board of directors. KUSC *91.5's manager leaves to head WNYC-FM *93.9 and AM New York. He's Wallace A. Smith, who shook public radio by pulling KUSC away from NPR in favor of American Public Radio. He's expected to mend fences by joining the WNYC stations, which are strong NPR affiliates.

Obituaries: William S. Halsted, 84, one of the developers of FM stereo, died in Woodland Hills CA of pneumonia. In 1959 he received the Popov Medal at the International Electronics Conference in Moscow, and in 1940 installed the first highway advis-

KUSC's Wallace A. Smith, eastward bound. radio system on the George Washington Bridge in New York City. Abram Chasins, 83, who reshaped KUSC L. A. into a major classical music outlet, died in New York. James Littlejohn, district manager for Continental Electronics, 61, of a heart attack. Littlejohn resided in Maple Plain MN, was well known among broadcast people in the area, and was an FMedia! reader.

Also from W. R. McIntosh: "Jesus Run Radical Rock Station at LMU." Article talks about Loyola Marymount University's KXLU *88.9 L. A. The students who run the station perceive their job as providing listeners with a "radical, often perverse alternative to the repetitive, pre-programmed sound that characterizes most commercial music stations in the city." Rock format is operative from 2 a. m. to 6 p. m. weekdays, and there are five hours of classical each night. It also features a bilingual, Latin program, "Alma del Barrio" weekends, as well as play-by-play accounts of the school's basketball games. Late evenings include jazz, reggae and contemporary poetry and "sociopolitical discussions." And above, formats, you'll see the change at KCSN Northridge CA, including its controversial transmitter move.

One of those attending the convention in Esko was Al Ellis, who left this note in person: "Having purchased the Magnum/Dynalab FT-101 tuner and realizing the 'run of the mill type antenna' to be inadequate, I bought a Lindsay FM antenna, 10SY FM, to replace my former GA10, now six years old. To my surprise, the SY effort though three times the price of the first antenna gave me at least two or more db's gain and proved more than worth the price asked of over \$200 installed. You may never have heard of Lindsay antennas. They do not as a rule advertise in newspapers, as their business is with the cable television business and their antennae are built to perform and last! As I see it, a tuner like the Magnum should have nothing but the best."

I might point out that people like John Ebeling, Frank Merrill, Tom DePauw, and John Jefferson all spent quite a bit of time comparing their tuners with my Magnum

FT-101 at the convention. John Jefferson's McIntosh MR-80 was the one mainly used in comparison, and they DXed everything from tropo (WFMT 98.7 Chicago was probably the best) to skip on it. I missed Sunday's skip, since I was working, but stations from NC and SC made it, providing some good late-season reception for that type of propagation. My time for checking the two tuners was minimal, but believe the differences were slight. I think Ebeling found the Magnum slightly better than the Mc, at least on lower frequencies, while the others favored the Mc, saying that adjacent channel reception on the lower side of local stations was poorer than on the high side of those channels on the Magnum. They found overload about the same on both. Possibly one of those people will write up a more detailed report later. Testing was by means of an antenna a-b switch, and aux-stereo monitor control on the amplifier, so any station could be instantly compared. The Mc is nice in that it provides for station memories and has a headphone amplifier, while on the Magnum I have added a headphone jack. The next day a second Magnum arrived via UPS, and in comparing that with my own Magnum I found no differences between the two production models.

I now have a UHF antenna and pre-amp mounted temporarily on the "White Tower" (so named because it was built by machinist Bob White) at an altitude of about 15 meters. Tower lashed to basketball pole, but may be permanently installed when we have some concrete work done around here. Joe Gragg came up two days early and remained an extra two days helping, and others helped in the tower erection, including John Ebeling, Pete Mathews, Alain Pepin, Bob Seybold and Al Ellis. Nick Lombardi was one of those offering "good luck" messages for the convention, and Ferdie Dombrowski offered regrets at not being able to attend; he's still in Milwaukee, and is revered by me as one of the founders of the present WTFDA, and the one who inspired me to start the "FM Atlas." Nick says WIBB-FM 100.1 Forsyth GA is still sg, with no format change, even though call letters have changed; reception, however, has not been good enough for him to tell if the station might have embraced stereo.

Also attending was Tim Noonan, who seemed to enjoy the convention and area. He says WOJB *88.9 Hayward WI IDs as Reserve, not Hayward. That is true, but they are licensed to Hayward, and use "Reserve" in their IDs for political reasons, telling me privately that the Hayward community is quite hostile to Native Americans. WYUR 95.9 Ripon is still there, not yet having moved to 96.1.

Frank Aden, Jr., sent some clippings from the NW part of the country. He notes that KETB 102.3 Coeur d'Alene ID still off the air, as is the KMKO Moscow 103.1 translator, K276BV. Frank claims he's heard a translator for KISC 98.1 Spokane WA in Moscow ID or Pullman WA on 97.7. My database shows no station or application for either area on 97.7. A pirate?

One of the clippings Frank sent concerned KBVM *88.3 Portland OR, "Blessed Virgin Mary." The diocese station will be on the air in stereo after building of its studios, with target date of Oct. 1 announced. Rick Schmidt, formerly from KNOM (AM) in Alaska, will be the general manager and program director. Station will be on 12 hours a day initially, with a goal of 18 hours eventually. Apparently, KBSU Boise has gotten approval to move from 91.3 to *90.3 and go up to 19,000 watts to a transmitter site at Deer Point. More on this when I get official word from the FCC. "The FCC approval comes one week after KBSU received notice by the Corporation for Public Broadcasting that it is fully qualified as a public radio station...To receive accreditation, radio stations must have a 3000 watt signal (?); employ five full-time staff members; have a budget of at least \$150,000; offer a diversified program including education material; and be on the air 18 hours per day. The station is one of 297 in the country with CPB qualification." KBSU expects to get a \$60,000 community service grant this fall, while the construction project will total \$200,000, and should be completed by Nov. 1988. KBSU awaits FCC approval for a translator station in McCall ID. "If the McCall station is approved, you can drive from Boise to McCall and monitor the signal through the whole trip," said Jim Paluzzi, general manager of the station. Frank is trying to get additional information on low-power stations in his area, using

the Freedom of Information Act. "Will let you know how successful it is."

Eric Buenuman sent a home-made graph allegedly showing how FM has declined in St. Louis area listening, compared to AM, "estimated from Arbitron." FM listening supposedly peaked in 1984-85 at 65% of the radio audience, dropping to about 60% in 1986 and 55% in 1987, with a margin of error "plus or minus 5%." "The graph provided shows the rise and apparent decline of FM radio in the St. Louis area. St. Louisans have been slowly returning to AM. Some of this can be attributed to the popularity of the St. Louis Cardinals baseball club and the popularity of KUSA's 'Gutbusters' morning show, which has taken second place away from KSHE 94.7's 'Morning Zoo'. KXOK 630, which recently returned to r (CHR) from t[alk], actually has a better rating than KWK 106.5, a similarly-formatted station! Before long, a heated battle will ensue between KXOK 630 and KHTR 103.3. Personally, I like KXOK better, because they mix the current stuff with music from the '50s, '60s and '70s, while KHTR plays 'The Best of the '80s'. And in the k[oun]try wars, AM stereo KUSA 550 seems to have taken the lead away from WIL-FM 92.3.

"If the American AM Band sounds bad, as many people perceive, the European AM band sounds better than here, because of FCC band mismanagement. In Europe, AM stations separate neatly with a minimum of adjacent-channel interference, and even mega-watt stations can be tuned in at 9 kHz! The European AM broadcasters transmit audio comparable in quality to FM; that's because modulation standards are different—90% modulation by day and 85% modulation by night. That's as close to MF-FM as you can get. It's time that the FCC put a stop to this madness known as deregulation, because all this is doing is messing AM and FM up! In my opinion, letting American AM stations use European modulation standards can be a step in the right direction. I wonder how those European AM stations would sound if they had C-Quam AM stereo. Robert Grant, that's food for thought, and that's how it's done across the Atlantic. In reference to 108-132, those cannot be used as dial settings, because that'll make people think the station is illegally broadcasting in the VHF aviation band."

I tend to agree with Eric on the latter point, and the more we listened and the more we heard Robert Grant try to explain his system at the convention, the more I (at least) became confused. I am sorry I had to call the session short, but we were all tired that Saturday night after a big meal, and sitting through other presentations. Even Joe Gragg's technical question and answer session had to be called short. There was so much to cover in so limited a time! Many of the sessions were put on audio tape, and Dave Nieman may announce ways to get copies. Tom and Darryl video taped Friday night's session, and many took still pictures. John Broomall conducted an excellent business meeting, even though no board of directors members were present. Experiments in getting Ku-band satellite reception were a dismal failure, using a Ku-band dish, feed horn and LNAs.

We even rented a porta-john to accommodate those who camped on the property, and offered separate men's and women's bathrooms inside. John Broomall came with several excellent WTFDA, "I Love DX" tee-shirts, which can probably also be bought by mail. Check his column for information. Those trying to out-walk a special signal generated on the grounds were unable to do so, and my application for a translator on 103.9 awaits FCC action. I had hoped it would be on the air by convention time!

A tour of WKIL-FM-AM Cloquet, including its transmitter, featured a lively technical talk by its chief engineer, Bill Meyers. He spoke also of the SCA use made by WAKX 98.9 Duluth, and its network of translators. Seybold and others kept a log of VHF skip and UHF DX received, and that information may appear in other columns. Carol did well with the hosting of the convention, and she was ably assisted by Ira Ebeling. We are slowly recovering, and may again want to offer a convention at this location—if anyone is willing to come back! Roger Gravelle, from Ontario, offered valuable advice on running rental properties, which business we're hoping to be out of! (We have two offers to buy our five apartments from two different parties.)

73ily, *Bruce*

TV-CCI AIDS

John F. Combs
1308 Willow Branch #24
Jacksonville FL 32205

HINTS AND HELPS FOR IDENTIFYING YOUR DX

NEWS NAMES:

WKRN-2 Channel 2 News
WFMY-2 News 2
KPRC-2 Channel Two News
WJBK-2 Eyewitness News
WDTN-2 2 News
KNOP-2 Newscenter 2
KJRH-2 Newscenter 2
KMID-2 Big 2 News
WLBZ-2 Newscenter 2
WBAY-2 Action 2 News
WGRZ-2 Newscenter 2
KOTA-3 Newsline
KMTV-3 Newscenter 3
KYW-3 Eyewitness News
WRCB-3 Eyewitness News
KSNW-3 KSNW News
KFDX-3 Newscenter 3
KIMT-3 Eyewitness News
CBHT-3 First Edition
(1700 EDT)
WSTM-3 3 News
KTVS-3 NewsSource 3
WLBT-3 WLBT 6 P.M. Report
KATC-3 Action 3 News
WSAZ-3 Newscenter 3
WIVB-4 News 4 Buffalo
KAMR-4 Action News 4
Midday on 4
KTVY-4 News 4 Oklahoma
KMOL-4 News 4 San Antonio
KDFW-4 Channel 4 News
KKJB-4 KX-4 News
KGBT-4 Newscenter 4
First News
CBOT-4 Newsday
WCMH-4 News 4 Columbus
WTVH-5 Newscenter 5
CBLT-5 Newsfinal (2300 EDT)
WCYB-5 Newscenter 5
WTVF-5 Eyewitness News
WATE-6 Eyewitness News
WOVT-6 Action News
WTVR-6 News 6
WKBW-7 Eyewitness News
WSPA-7 Eyewitness News
(2300 EDT subtitled
"Nightwatch")
KVIA-7 News 7
WHIO-7 Newscenter 7
KTPX-9 Eyewitness News
CFTO-9 CFTO-TV News
WBIR-10 Action 10 News
WJHL-11 Eyewitness News
WHAS-11 Action 11 News
WBAL-11 News Eleven
WMBT-12 12 News
WXII-12 Channel 12 News
WLOS-13 News 13
WTVG-13 13 News
CKCO-13 Scan News

NEWS NAMES:

WLYH-15 Action News 15
WLEX-18 Newshour (1730 EDT)
18 News Nightside
(2300 EDT)
WKPT-19 Newswatch
(subtitled 'First Edition'
at 1800 EDT, 'Night-
side' at 2300)
WUTR-20 Eyewitness News
WHP-21 News 21
WKEF-22 22 Alive News
WYOU-22 News 22
WHAG-25 News 25 Alive
WTVK-26 Newscenter 26
Night Report
WKYT-27 27 NewsFirst
WLKY-32 Channel 32 News
WMGC-34 First News 34
CITY-57 CityPulse

MOVIE NAMES:

WKRN-2 Award Movie
WZTV-17 Terror Theatre
Great Horror Movie
WCAY-30 7:00 Movie
WETO-39 Cinema 39

STL CALLS:

WSJK-2 WGR-93
WGR-94
WCYB-5 KIS-44
KCS-8909
WJHL-11 KII-92
KX-6204
WLOS-13 KIO-70
WKPT-19 KBI-93
WIL-72
WDF-36
KGB-84
WFW-690
E-2606

SSB TYPES:

WCYB-5 (1) Identical to WRDW-12 as described
in the July 1987 TV-CCI AIDS column.
For now, we will count this as a
new standard and code it ACMssb (for
A Capella Men's chorus). (see the SSB
feature later in this column)
(2) Scenes of Lake Mead, ends with Iwo
Jima monument. Not the same as the
AMMssb (described later in this
column). Music played by "a guitar
instrument."
WSJK-2 Still photos like Mt. Rushmore, Jet
planes, lady holding a flower, etc.,
ending with large U.S. flag. (Audio
not indicated)
CHFD-4 "O Canada" sung by children's group, all
wearing "O Canada" t-shirts. The lead
singer (female) starts it off, stand-
ing in front of the others. The group
is shaped like a pyramid with the
"point" in front.
WDCN-8 SSB sung by the "Hunter Lane Madrigals."
WJHL-11 "Starts with planes taking off and a
a capella men's group." May be the
same as the ACMssb used by WCYB-5 &
WRDW-12. (Is it, Matt?)
WJKS-17 Uses the MFLssb as described later in
this column.

TP TYPES:



WSJK-2 Std 3/4 CB w/no ID
GS w/no ID
WCBQ-2 Std 3/4 CB w/ID at bottom
WJXT-4 3/4 CB (7x-2+s) w/ID at bottom
WCYB-5 Std 3/4 CB w/large ID
WECT-6 Std 3/4 CB w/DT in LR, no ID
Circular TP (sim. to WSAV-3)
WDCN-8 Std 3/4 CB w/no ID

TP TYPES:

CBOFT-9 3/4 CB (7x-2+s) w/"OTTAWA"
WJHL-11 Std 3/4 CB w/large ID
WLOS-13 Circular TP w/ID in center
WJKS-17 Seen w/GS but not a regular TP
WSBN-47 Std 3/4 CB w/no ID
CICO-24 Std 3/4 CB w/"TVO-24" ID in LR
(GS=Grey Scale LR=lower right, etc.)

A Grey Scale is like a full CB pattern, but using various shades of grey. It may show up greenish on some color receivers. WSJK-2 is also reported to use a grey pattern with one single dark grey bar located about where the next-to-the-last bar would be located in a GS, the rest of the screen being light grey. (I hope that made some sense, hi!)

SLOGANS:

WGRZ-2	"Working Hard to be Buffalo's Best"	WDIV-4	"Go 4 It!"
WBRZ-2	"Together with You"	WHIO-7	"The Leader"
XHY-3	"Nuestra Television--La Imagen Espectacular"	WWNY-7	"United with You" → 
WSMV-4	"Hello, Nashville!"	WDCN-8	"Your Channel 8"
	"We're 4 the Family"	WBIR-10	"Straight from the Heart" → 

(CONTINUED NEXT TIME)

The slogans "Come Home to...(calls)" and "Share the Spirit" are used by NBC and CBS affiliates, respectively, in imitation of the current network slogans.

FEATURE #1: Those Record Ads

Many a DXer late at night has stared at a weak tropo signal, watching seemingly endless reels of "They Saved Hitler's Brain" or another cinematic masterpiece, hoping and praying for a local ad of some sort to ID the station. Lo and behold, it comes: "The Complete Hits of Dave Kafoulafitz and his Garbage Can Five" on LP, cassette, 8-track, CD, or wax cylinder, available from (who else?) K-TEL RECORDS! (Ta-da!) The DXer waits breathlessly through the pitch until that magical moment when the announcer intones "here's how to order!" Up comes the mailing address, the DXer notes the city of the address, and IDs the station!

Well...maybe. Many of these el cheapo record offers (as well as the Veg-O-Matic, the Pocket Fisherman, and other things you can't live without) use the local station airing the ad as a clearing house for the offers, channeling them through the station's address. But it ain't necessarily so. Sometimes a national address is utilized that has nothing whatsoever to do with the local station airing the ad. And this can lead to a mis-ID.

Suppose I'm sitting here in Jacksonville watching a pretty decent Atlantic coastal tropo opening. I've logged several stations in SC and NC. Suddenly, an unID channel 9 runs an ad for the Ronco Magic Exploding Toilet Seat (Loads of Fun! Fool your friends!) with a New York City address at the end. WOW!!! Isn't that neat! I just saw WWOR-9 from Seacacus/New York City!!

No, I didn't. It may well have been WNCT-9 in Greenville NC. How to be sure? I suggest never, ever, claiming a new station through a record ad unless the address shown on the screen is verified through an appropriate reference book (Television Factbook, Broadcasting Yearbook), or by writing/calling the station in question. If the address or P.O. Box is identical, you've nailed it! If not, keep searching!

Feature #2: Star-Spangled Banner Variations

Twelve years ago, during the initial series of this column, we had identified at least eleven different SSB sign-off films known to be in use by more than one station. We coded these for easy reference and began to identify which TV stations used which SSB. Many of these may still be in use today. Just the other night I observed my local WJKS-17 using the "Marine Flag Lowering" version as described below. I would like to repeat the 11 previously-identified types, and their descriptions, as a starting point for updating SSB types. If you note any stations using these versions, please let me know!

AFssb---Air Force: various USAF aircraft and missiles (instrumental audio)

AMMssb---Arlington Marine Memorial: various shots of the monument to the WWII flag-raising on Iwo Jima (instrumental)

DCssb---District of Columbia: various buildings in DC such as White House, Lincoln Memorial, etc. (instrumental)

FMHssb---Fort McHenry: various scenes of Fort McHenry (instrumental)

MFLssb---Marine Flag Lowering: flag lowering ceremony with Marine personnel.... ends with drum major cutting off band, then about-face towards camera

NFRssb---Navy Flag Raising: flag raising ceremony with Naval personnel (instrumental)

NYYssb---Navy: various Naval warships (instrumental)

NPssb---Naval Personnel: Naval ships and aircraft, but also close-ups of various Naval personnel (instrumental)

PFUssb---Period Flags and Uniforms: honor guards in historical uniforms pass in review carrying various historical U.S. flags (instrumental)

RSssb---Revised Stanzas: scenes of Americans at work, play, voting, prayer, etc. (audio is a woman, with guitar, singing the lesser-known stanzas of the SSB...yes, there really are others!)

USHssb---U.S. History: montage of still scenes from U.S. history (photos and drawings) ending with a photo of the U.S. flag on the Moon (audio is a unique instrumental arrangement....one time through the entire SSB with conventional harmony, then the music returns to the second part of the SSB [where the words begin "...and the rocket's red glare..."] with unusual harmonies used under the melody...ends with a brief "coda" tacked on featuring high trumpets)

All except the last two use traditional band arrangements of the SSB, usually in the key of B-flat. If you see any SSBs that differ from these, be sure to describe them thoroughly! (Where do stations get these films, anyway??)

CONTRIBUTORS to this month's TV-CCI AIDS included Matt Sittel (TN), Greg Coniglio (NY), Erich Schulman (TN), and Roy Barstow (MA). Roy sent several pages of "silent hours" for stations, but this is the type of info that can be gleaned from TVGs. (Thanks anyway, Roy!). Some multi-city IDs, and more, next time!



STATISTICS

FRED NORDQUIST
7945 BOXFORD RD
CLAY, NY 13041
DEADLINE: the 5th

ALL-TIME FM DISTANCE RECORDS

FM STATISTICS

AS OF 8/6/87

MHZ	PR	CALL	STATE/LOCATION	DIST	DXR-DC	MHZ	PR	CALL	STATE/LOCATION	DIST	DXR-DC	MHZ	PR	CALL	STATE/LOCATION	DIST	DXR-DC
88.10	ES	WDRP	PR GUAYAMA	2280	DBU OK	90.70	AU	KMMU	MO ST LOUIS	850	JFE NJ	93.70	MS	WDCN	MA LAWRENCE	1501	RCU
88.10	TR	KSEJ	TX HUMBLE	605	KPU AL	90.90	ES	KCMW	MO WARRENSBURG	1534	JJE CA	93.70	AU	KWVR	SD WINNER	682	ABO
88.10	MS	KTXI	TX LUBBOCK	1146	FME20H	90.90	TR	KUNI	IA CEDAR FALLS	828	FND NY	93.90	ES	KILO	CO COLORADO SPRING	1835	EDC
88.10	AU	CBAP29	PE CHARLOTTE/TOWN	788	DNI NY	90.90	MS	CBX	AT EDMONTON	1170	JJE2CA	93.90	TR	WBUS	FL MIAMI BEACH	1152	GHA
88.30	ES	CBLJ	ON AWAHA	1480	PDY TX	90.90	AU	KUNI	IA CEDAR FALLS	589	FMC ND	93.90	MS	WMAH	FL MIAMI BEACH	1306	SCH
88.30	TR	WMMW	WI COLFAX	512	FMC ND	91.10	ES	JBC-2	JAMCOOPER'S HILL	1950	JPI NM	93.90	AU	WMAH	FL MIAMI BEACH	838	ABO
88.30	MS	W3BH	LA NEW ORLEANS	1109	DNI NY	91.10	TR	WFAH	FL JACKSONVILLE	1013	GHA TX	94.00	ES	XET	NL MONTERREY	1382	JEB
88.30	AU	WBER	NY SYRACUSE	670	ABO IL	91.10	MS	KSJN	MN ST PAUL	1123	GHA TX	94.10	ES	KCLX	WA CLARKSTON	1695	TFL
88.40	ES	TSRT	SU GUATEMALA	1136	GHA TX	91.10	AU	KSJN	MN ST PAUL	739	DNI NY	94.10	TR	WEZD	AR LITTLE ROCK	1043	FND
88.50	ES	WJCF	ME BANGOR	1955	PDY TX	91.30	ES	WIPR	PR SAN JUAN	1806	CHO OH	94.10	MS	K8TD	TX BEAUMONT	1192	PSA
88.50	TR	WMMF	FL TAMPA	904	PDY TX	91.30	TR	WTHS	FL MIAMI	1148	GHA TX	94.10	AU	KDKN	KS KANSAS CITY	881	DNI
88.50	MS	WFFD	NC WINSTON-SALEM	1161	GHA TX	91.30	MS	KCUA	AT DRUMHELLER	1055	JJE2CA	94.30	ES	KVFM	CA SAN FERNANDO	1510	DND
88.50	AU	WMMU	DC WASHINGTON	932	JEB NM	91.30	AU	WONY	NY SYRACUSE	530	RBR MI	94.30	TR	WGMW	FL RIVIERA BEACH	1130	GHA
88.70	ES	WUSF	FL TAMPA	2386	JJE2CA	91.50	ES	RJR	JAMORACABESSA	1950	JPI NM	94.30	MS	WUJL	TN OKA RIDGE	1221	FMC
88.70	MS	WHA	IL EDWARDSVILLE	561	BEL2NM	91.50	TR	WFSU	FL TALLAHASSEE	861	PDY TX	94.30	AU	CFRW	MB WINNIPEG	743	RBR
88.70	MS	WHA	WI MADISON	1008	GHA TX	91.50	MS	WMDW	WI SURING	1219	GHA TX	94.50	ES	WCVJ	FL NAPLES	1657	FMC2
88.70	AU	WHA	WI MADISON	684	FMC ND	91.50	AU	WHPJ	NY TROY	512	FPI MI	94.50	TR	K5MB	LA LAFAYETTE	876	RBR
88.80	ES	TSRT	SU GUATEMALA	1148	PDY TX	91.70	ES	KRSW	MN WORTHINGTON	1457	JJE NM	94.50	MS	KTSP	MN ST PAUL	1113	PDY
88.90	ES	WEXU	KY RICHMOND	2020	JJE2CA	91.70	TR	KOSU	OK STILLWATER	781	BEL NM	94.50	AU	WVRG	VA RICHMOND	575	RBR
88.90	TR	WMBW	TN CHATTANOOGA	846	BELNE	91.70	MS	KOSU	OK STILLWATER	870	FMC ND	94.70	ES	KTTS	MO SPRINGFIELD	1569	JJE2
88.90	MS	WKES	TN CHATTANOOGA	868	GHA TX	91.70	AU	KRSW	MN WORTHINGTON	861	DNI NY	94.70	TR	KTTS	MO SPRINGFIELD	663	BEL2
88.90	AU	WMBW	TN CHATTANOOGA	745	FND NY	91.90	ES	WSIU	IL CARBONDALE	1740	JPI1CA	94.70	MS	KSET	TX EL PASO	1073	ABO
89.00	ES	YSRI	ES SAN SALVADOR	1246	PDY TX	91.90	TR	WSIU	IL CARBONDALE	791	GHA TX	94.70	AU	WPTF	NC RALEIGH	512	FME
89.10	ES	KPAE	WA RICHLAND	1620	PDY TX	91.90	MS	WARM	WI WAUSAU	1012	RMO LA	94.80	ES	TSBU	SU GUATEMALA	1136	GHA
89.10	TR	WJFT	FL GAINESVILLE	978	PDY TX	91.90	AU	WSIU	IL CARBONDALE	741	FMC2ND	94.90	ES	WINZ	FL MIAMI BEACH	1940	GHA
89.10	MS	WJFT	FL GAINESVILLE	947	DNI NY	92.00	ES	XEBJ	TAMCO VICTORIA	873	GHA2OK	94.90	TR	WINZ	FL MIAMI BEACH	1152	GHA
89.10	AU	KMMW	KS WICHITA	651	RBR MI	92.10	ES	KJAJ	AT CALGARY	1765	DNI NY	94.90	MS	WPGH	GA DECATUR	1342	FMC
89.20	ES	XEJT	TX TAMPAICO	974	GHA2OK	92.10	TR	KDKY	MO WINNIPEG	842	FME MI	94.90	AU	KFMG	IA DES MOINES	600	FMC
89.30	ES	WDLN	IL E Moline	1696	JJE2CA	92.10	MS	WJGA	GA JACKSON	929	SGR IA	95.00	ES	ZFB	BN HAMILTON	1374	RBR
89.30	TR	WPCS	FL PENSACOLA	800	RBR MI	92.10	AU	WYXE	WI SUN PRAIRIE	260	ABO IL	95.10	ES	KRDO	CO COLORADO SPGS	1535	NDI
89.30	MS	WMMW	WI CHILTON	1168	GHA TX	92.15	ES	CMBC	CU HABANA	1299	GHA2OK	95.10	TR	WJAX	FL JACKSONVILLE	1013	GHA
89.30	AU	KCLW	MO NORTHFIELD	712	SCH ON	92.30	ES	WDBO	FL ORLANDO	1743	FMC ND	95.10	MS	WLSL	WI MARINETTE	1146	PSA
89.40	ES	TSD	GU GUETZALT	1168	GHA TX	92.30	TR	WDBO	FL ORLANDO	1038	GHA TX	95.10	AU	KICT	KS WICHITA	651	RBR
89.50	ES	WJTF	PA PERSHEY	1451	PDY TX	92.30	MS	WKLH	AL MONTGOMERY	1064	JEB2NM	95.30	ES	WMPA	VA PETERSBURG	1439	FMC
89.50	TR	KENW	NM PORTALES	966	JAY TN	92.30	AU	KLIQ	OR PORTLAND	1017	FMC ND	95.30	TR	WTLN	FL APOPKA	1029	GHA
89.50	MS	KENW	NM PORTALES	1072	RST IN	92.50	ES	WMPA	FL PANAMA CITY	1509	FMC ND	95.30	MS	WONE			
89.50	AU	KWKN	CT BRIDGEPORT	798	ABO IL	92.50	TR	WFWY	FL KEY WEST	1089	PDY TX	95.30	AU	KOKS	ON HAMILTON	378	SRE
89.50	ES	TSDX	SU GUATEMALA	1136	GHA TX	92.50	MS	KAFM	TX DALLAS	1466	JJE CA	95.40	TR	KHDX	TX TAMPAICO	491	GHA
89.70	ES	WUSF	FL TAMPA	2386	JJE2CA	92.50	AU	WMAH	OH TOLEDO	749	FMC2ND	95.50	ES	WQVW	FL FT PIERCE	1619	FMC2
89.70	TR	WMCU	FL MIAMI	1155	PDY TX	92.70	ES	WMOF	FL STUART	1503	BEL2NM	95.50	TR	KHKE	TX AUSTIN	804	WBC2
89.70	MS	KBCD	TX DENNISON	1131	LVO VA	92.70	TR	KJEF	LA JENNINGS	657	JPI NM	95.50	MS	KDKC	KS DODGE CITY	1195	JJE2
89.70	AU	WGBH	MA BOSTON	914	ABO IL	92.70	MS	WDXH	WI WAUPACA	431	PSA ON	95.50	AU	WHPK	NC HIGH POINT	604	SCH
89.90	ES	WFOI	FL JACKSONVILLE	1629	FMC ND	92.70	AU	KBRX	ME D'NEILL	425	FMC ND	95.70	ES	WFFD	PR RIO PIEDRO	1855	DNI
89.90	TR	WJCT	FL JACKSONVILLE	1013	GHA TX	92.70	ES	WSCD	MN DULUTH	1644	JJE CA	95.70	TR	KXXA	AR LITTLE ROCK	1043	FND
89.90	MS	WMSA	WI BAULE	905	LVO VA	92.90	TR	WBLX	AL MOBILE	891	NDI MO	95.70	MS	KKQJ	OK ARMORE	1177	DNI
89.90	AU	WMSA	WI BAULE	496	FMC ND	92.90	MS	KITY	TX SAN ANTONIO	1251	CHO OH	95.70	AU	WPTW	OH PICQUA	467	FND
90.00	ES	YSRI	ES SAN SALVADOR	1233	GHA TX	92.90	AU	WANN	VT BURLINGTON	840	ABO IL	95.90	ES	KDHL	NH FARBOUT	1561	JJE2
90.10	ES	KPFT	TX HOUSTON	2001	MNI BC	93.10	ES	KAWA	TX EL PASO	1810	NDI MO	95.90	TR	KRSL	KS RUSSELL	664	GHA
90.10	TR	KAPT	TX HOUSTON	848	JCO FL	93.10	TR	WDDS	NY SYRACUSE	822	BEL NM	95.90	MS	CJFM	PA MONTREAL	852	ABO
90.10	MS	WMBL	IL CHICAGO	1063	GHA TX	93.10	MS	KXHB	SD STURGIS	1183	RMO LA	95.90	AU	KHNL	MN FARBOUT	477	FMC
90.10	AU	KSPR	MN COLLEGEVILLE	766	SCH ON	93.10	AU	WDRD	MI DETROIT	541	JEB NM	96.10	ES	KFAZ	CO SREELEY	1540	NDI
90.30	ES	KKED	TX CORPUS CHRISTI	1150	FND NY	93.20	ES	KXGD	NL MONTERREY	1385	RBR MI	96.10	TR	KWZT	FL JACKSONVILLE	1016	PDY
90.30	TR	WHLA	WI HOLMEN	812	LVO VA	93.20	TR	KXGD	NL MONTERREY	274	GHA TX	96.10	MS	KTD	ID IDAHO FALLS	1224	PDY
90.30	MS	WHLA	WI HOLMEN	1091	GHA TX	93.30	ES	KLSI	MO KANSAS CITY	1482	JJE2CA	96.10	AU	KHLS	GA ATLANTA	588	RBR
90.30	AU	WBLJ	IN FT WAYNE	704	FMC2ND	93.30	TR	WFLA	FL TAMPA	584	PDY TX	96.30	ES	WBBW	IL CHICAGO	1842	JJE2
90.50	ES	A JAMAICA	JAMAICA SPUR TREE	1950	JPI NM	93.30	MS	KYAR	TX PORT ARTHUR	1195	PSA ON	96.30	TR	KWJY	FL MIAMI	1155	PDY
90.50	TR	WVAR	MI E LANSING	931	RMO LA	93.30	AU	WMBW	OH YOUNGSTOWN	689	JEB NM	96.30	MS	WMPV	FL MIAMI	1056	ABO
90.50	MS	KXCV	MO KAYVILLE	985	FND NY	93.50	ES	KLXC	KS PARSONS	1459	JJE2CA	96.30	AU	WJR	MI DETROIT	541	JEB
90.50	AU	CBHA	ME HALIFAX	1026	FME20H	93.50	MS	WJHT	KS CLINTON	937	PSA ON	96.50	ES	WQDD	PR FAJARDO	1990	ABO
90.70	ES	K3BC	MO JOPLIN	1509	JJE CA	93.50	AU	WLTJ	WI NEW JUDON	239	ABO IL	96.50	TR	KIDU	TX CORPUS CHRISTI	967	RBR
90.70	TR	KVND	VE OMARA	902	DNI NY	93.70	ES	KWJT	PR SAN JUAN	2263	RCD OH	96.50	MS	KIDU	TX CORPUS CHRISTI	1166	RBR
90.70	MS	WXL	FL W PALM BEACH	1130	DNI NY	93.70	TR	KEND	TX HOUSTON	1104	CHO OH	96.50	AU	WTCO	CT HARTFORD	565	FME

FM STATISTICS

AS OF 8/6/87

FMZ PR CALL	STATE/LOCATION	DIST	DIER-LOC	FMZ PR CALL	STATE/LOCATION	DIST	DIER-LOC	FMZ PR CALL	STATE/LOCATION	DIST	DIER-LOC
96.70 ES CKGL	ON KITCHENER	1438	JPI NM	100.10 TR WJBD	IL SALEM	738	FND NY	103.50 AU KDA	CO DENVER	696	JEB NM
96.70 TR WFOB	OH FOSTORIA	581	BEL2NM	100.10 MS CBHV	AT LETHBRIDGE	930	JJE2CA	103.70 ES MEZS	VA RICHMOND	1494	JPI NM
96.70 MS NONE		0		100.10 AU BIRE	VA ASHLAND	564	RBR MI	103.70 TR KKKV	AR LITTLE ROCK	1176	MBU CT
96.70 AU WJOL	IL JOLIET	347	JEB NM	100.30 ES KLLS	TX SAN ANTONIO	1564	FND NY	103.70 MS KVIL	TX DALLAS	1274	SCH ON
96.90 ES KVMV	TX MCALLEN	1463	BEL2NM	100.30 TR WMSA	PA MEADOWVILLE	691	BEL2NM	103.70 AU KIKI	IA DAVENPORT	642	SCH ON
96.90 TR WIKW	FL FT MYERS	1037	PDY TX	100.30 MS KBOI	TX DALLAS	1098	FND NY	103.90 ES KNZA	KS HIAMATHA	1428	JJE2CA
96.90 MS WLAU	MI GRAND RAPIDS	792	GHA2OK	100.30 AU WZEN	IL ALTON	712	SCH ON	103.90 TR WBBY	OH WESTERVILLE	817	DBU OK
96.90 AU WFOF	NJ ATLANTIC CITY	785	STO IN	100.50 ES WMSI	VA NORFOLK	1560	JPI NM	103.90 MS NONE		0	
97.10 ES KEBL	TX FT WORTH	1405	WNO CT	100.50 TR WEAI	IL JACKSONVILLE	811	FND NY	103.90 AU NONE		0	
97.10 TR WEZB	LA NEW ORLEANS	863	RBR MI	100.50 MS WKKE	WV HUNTINGTON	856	GHA2OK	104.10 ES KRBE	TX HOUSTON	1586	JPIICA
97.10 MS KWHE	AR CAMDEN	1076	SCH ON	100.50 AU WKKI	IN KOKOMO	692	FNC2ND	104.10 TR KRBE	TX HOUSTON	986	RBR MI
97.10 AU WCDW	WV SPARTA	591	FNC ND	100.70 ES WDAE	FL TAMPA	1743	FNC ND	104.10 MS KJJO	MO ST LOUIS PARK	1187	PDY TX
97.30 ES WJCD	FL MIAMI	1596	BEL2NM	100.70 TR KDRG	TX ABILENE	799	JAY TN	104.10 AU WIKY	IN EVANSVILLE	559	JEB NM
97.30 TR KEEZ	TX SAN ANTONIO	1183	RBR MI	100.70 MS WMLJ	FL FT LAUDERDALE	1260	GHA2OK	104.30 ES WKTC	NC TARBORO	1485	JPI NM
97.30 MS KBUF	KS GARDEN CITY	1240	SCH ON	100.70 AU KBBT	NE OMAHA	554	FNC ND	104.30 TR KZVP	AL ATHENS	711	RBA TX
97.30 AU KOMI	IA DES MOINES	782	SCH ON	100.90 ES KSRF	CA TRACY	1442	GHA TX	104.30 MS WDMC	MI DETROIT	983	FNC ND
97.50 ES KINT	TX EL PASO	1670	RSE NY	100.90 TR WQSI	AL UNION SPRINGS	724	NDI MD	104.30 AU WDMC	MI DETROIT	745	FNC2ND
97.50 TR WPCV	FL WINTERHAVEN	1027	PDY TX	100.90 MS NONE		0		104.50 ES WEAT	FL W PALM BEACH	1895	FNC ND
97.50 MS KINT	TX EL PASO	1160	ABO IL	100.90 AU KQAD	MO LIVERNE	406	FNC ND	104.50 TR WNST	OH WOOSTER	654	BEL2NM
97.70 AU WNCQ	NY WATERLOO	783	ABO IL	101.10 ES CFMI	BC WESTMINSTER	1827	RBR MI	104.50 MS KEIL	TX SAN ANTONIO	1103	RBR MI
97.70 ES CBUF	BC VANCOUVER	1526	JPI NM	101.10 TR KLGL	TX HOUSTON	986	RBR MI	104.50 AU WNST	OH WOOSTER	639	JEB NM
97.70 TR KHGL	YUCERIDA	733	WBI FL	101.10 MS WNOE	LA NEW ORLEANS	1193	SCH ON	104.70 ES WRBG	FL TAMPA	2290	JPIICA
97.70 MS WVOF	GA VIDALIA	829	FND NY	101.10 AU WNUZ	MO CARROLLTON	843	SCH ON	104.70 TR WRBG	FL TAMPA	979	PDY TX
97.70 AU WCHM	PA MONTREAL	686	RSE NY	101.30 ES WYVR	VA HAMPTON	1492	FNC ND	104.70 MS KIOV	SD SIOUX FALLS	898	SCH ON
97.90 ES KETIA	JALISQUARALAJARA	2066	RSE NY	101.30 TR KFDI	KS WICHITA	683	BEL2NM	104.70 AU KIOV	SD SIOUX FALLS	524	ABO IL
97.90 TR WJVO	FL PALM BEACH	1142	GHA TX	101.30 MS KOWB	MO RICHFIELD	716	SCH ON	104.90 ES KSMI	LA DONALDSONVILLE	1375	FNC ND
97.90 MS WNCI	OH COLUMBUS	1080	FNC ND	101.30 AU WEZO	NY ROCHESTER	1202	FNC ND	104.90 TR WNRK	OH CINCINNATI	677	BEL2NM
97.90 AU WSTX	TX NASHVILLE	725	SCH ON	101.50 ES WKES	FL ST PETERSBURG	1533	FNC2ND	104.90 MS KTCB	NE WAYNE	943	DNI NY
98.10 ES WFOF	OH CANTON	2050	FND OR	101.50 TR WLVF	FL MIAMI	1155	PDY TX	104.90 AU NONE		0	
98.10 TR KRRG	TX LAREDO	915	KPU AL	101.50 MS WIRA	WI MADISON	758	SME PA	105.10 ES KSFT	MO ST JOSEPH	1465	JJE2CA
98.10 MS WLEX	KY LEXINGTON	1108	FNC ND	101.50 AU WMBE	GA MARETTA	573	RBR MI	105.10 TR WBJW	FL ORLANDO	1042	PDY TX
98.10 AU KUDL	MO KANSAS CITY	549	FNC2ND	101.70 ES KTLQ	OK TAHELEQUAH	1435	JPIICA	105.10 MS WYOR	FL CORAL GABLES	1147	RBA TX
98.30 ES CPLY	ON KINGSTON	1646	JPI NM	101.70 TR WTRG	SC MYRTLE BEACH	618	SRE CT	105.10 AU WSDY	OH GALEY	665	JEB NM
98.30 TR CBM	MS WINNIEPEG	842	ABO IL	101.70 MS NONE		0		105.30 ES KAZY	TX DALLAS	1459	WNO CT
98.30 MS KARB	UT PRICE	613	JJE2CA	101.70 AU WILS	MI LANSING	291	FNC ND	105.30 TR WVLV	LA SLIDELL	837	RBR MI
98.30 AU CKLD	ON KINGSTON	684	ABO IL	101.90 ES WCIB	MA FALMOUTH	1576	FNC ND	105.30 MS WLTS	LA SLIDELL	1166	FNC NY
98.50 ES KPCAC	TX PORT ARTHUR	1650	WNOCT	101.90 TR WML	LA NEW ORLEANS	905	CHO OH	105.30 AU WDAS	PA PHILADELPHIA	611	RBR MI
98.50 TR KLAZ	AR LITTLE ROCK	1176	MBU CT	101.90 MS KPMO	NE LINCOLN	849	PSA ON	105.50 ES WBAR	VA TAPPANRANCH	1430	FNC ND
98.50 MS WTEK	TX KINGSFORD	1287	JPI NM	101.90 AU WRIG	WI WAUSAU	683	FNC ND	105.50 TR WSLA	FL NEW PORT RICHEY	959	GHA TX
98.50 AU WSB	GA ATLANTA	588	RBA TX	102.10 ES KLYX	TX HOUSTON	1506	JPIICA	105.50 MS WSMF	TX SPARTA	739	JEB NM
98.60 ES WGBR	GU GUATEMALA	1503	JPI NM	102.10 TR KLYX	TX HOUSTON	986	RBR MI	105.50 AU WKXZ	OH CLEVELAND	280	ABO IL
98.70 ES KMSD	IA CENTERVILLE	1568	JJE2CA	102.10 MS KEEY	MO ST PAUL	1020	RBA TX	105.70 ES CBUL	BC VANCOUVER	1526	JPI NM
98.70 TR WHOP	KY HOPKINSVILLE	725	BEL2NM	102.10 AU KFMF	TX FT WORTH	692	ABO IL	105.70 TR WOOD	MI GRAND RAPIDS	922	RBA TX
98.70 MS WDBE	ND GREENSBORO	1005	GHA2OK	102.30 ES WFTM	NC RANDOLPH RAPIDS	1479	JPI NM	105.70 MS KHCB	TX HOUSTON	1265	JEB NM
98.70 AU WBFB	MI DETROIT	536	MBU CT	102.30 TR WLRG	KY LOUISVILLE	671	BEL2NM	105.70 AU KHCB	TX HOUSTON	1065	JEB NM
98.90 ES KWMF	NY ROCHESTER	1584	PDY TX	102.30 MS NONE		0		105.90 ES XHBU	CHI JUAREZ	1836	FNC2ND
98.90 TR WREG	FL TALLAHASSEE	861	PDY TX	102.30 AU WNSR	VT ST ALBANS	666	RBR MI	105.90 TR WXYX	FL FT LAUDERDALE	1146	GHA TX
98.90 MS CIZL	SA RESINA	1173	RST IN	102.50 ES WTSP	FL ST PETERSBURG	1414	BEL2NM	105.90 MS WAXY	FL FT LAUDERDALE	1171	DNI NY
98.90 AU WSPA	SC SPARTANBURG	552	RBR MI	102.50 TR WBN	NY BUFFALO	1181	RBA TX	105.90 AU KXPI	CO DENVER	696	JEB NM
99.10 ES KEEZ	MS MARKATO	1523	JJE2CA	102.50 MS KOIC	MI WILLMAR	881	SCH ON	106.10 ES WKGO	MO CUMBERLAND	1445	JPI NM
99.10 TR KDDA	TX HOUSTON	1104	CHO OH	102.50 AU WBN	NY BUFFALO	738	JEB NM	106.10 TR WYNO	OH WANSFIELD	833	BEL2NM
99.12 MS WQSK	FL JACKSONVILLE	1187	JEB NM	102.70 ES WCKO	FL POMPANO BEACH	1471	JPI NM	106.10 MS KLOD	OR CORVALLIS	459	JEB CA
99.12 AU KBVM	ID IDAHO FALLS	608	FNC ND	102.70 TR WREC	TX MEMPHIS	812	BEL2NM	106.10 AU KONT	TX DENTON	681	ABO IL
99.30 ES CFCX	BC VANCOUVER	1526	JPI NM	102.70 MS KCVS	VA RICHLAND	1018	GHA TX	106.30 ES WCKO	IL BRAWFORDVILLE	1431	JPI NM
99.30 TR WEZY	FL COCOA	1078	GHA TX	102.70 AU KORD	VA RICHLAND	858	FNC ND	106.30 TR WNDY	PA CRAWFORDVILLE	534	BEL2NM
99.30 MS WWCFC	AL MOBILEVILLE	975	JEB NM	102.90 ES WOOD	MO MINNEAPOLIS	1571	JJE2CA	106.30 MS KPRN	TX HERFORD	1183	JJE2CA
99.30 AU WREN	TX CROSSVILLE	298	ABO IL	102.90 TR KQUE	TX HOUSTON	1104	CHO OH	106.30 AU KWMO	WY CHEYENNE	949	RBR MI
99.50 ES WDMG	GA DOUGLAS	2250	JJE2CA	102.90 MS KWGC	TX DALLAS	1274	SCH ON	106.50 ES WBSL	NC BRIDGETON	1552	FNC ND
99.50 TR WQYK	FL ST PETERSBURG	978	PDY TX	102.90 AU WBCS	WI MILWAUKEE	473	SCH ON	106.50 TR WFKL	IN WASHINGTON	976	FNC ND
99.50 MS WDAY	DE WASHINGTON	1382	FNC ND	103.10 ES CWMS	MS WINNIEPEG	1413	PDY TX	106.50 MS WSTP	NC SALISBURY	969	GHA2OK
99.50 AU WKDZ	KY HENDERSON	567	JEB NM	103.10 TR KCTO	LA COLUMBUS	556	ABO IL	106.50 AU WDLB	WV MARSHFIELD	951	FNC ND
99.70 ES WEOF	AL DOTHAN	1454	FNC ND	103.10 MS NONE		0		106.70 ES WJYJ	MO BRAINARD	1543	JJE2CA
99.70 TR WWC	TX MEMPHIS	928	FND NY	103.10 AU KJRM	SD MADISON	368	FNC ND	106.70 TR WSDO	FL FT LAUDERDALE	1145	RBA TX
99.70 MS WJME	MI JACKSON	1177	MBU CT	103.30 ES KKVZ	TX WICHITA FALLS	1060	WNO CT	106.70 MS WMMW	MI DETROIT	931	GHA2OK
99.70 AU WWC	TX MEMPHIS	591	FME MI	103.30 TR KEEK	TX MACCODOCHES	982	CHO OH	106.70 AU KAZY	CO DENVER	696	JEB NM
99.90 ES KTSM	TX EL PASO	1670	RSE NY	103.30 MS KNTD	TX WICHITA FALLS	1346	JEB CA	106.90 ES KNRO	TX CONROE	1478	JPIICA
99.90 TR KROB	TX ROBSTOWN	1175	RBR MI	103.30 AU WAVE	GA ATLANTA	548	FME2OH	106.90 TR KNRO	TX CONROE	1079	CHO OH
99.90 MS KTGK	MO CLOVIS	1069	JJE2CA	103.50 ES KYSN	MO MARKATO	1523	JJE2CA	106.90 MS WQXX	AL BIRMINGHAM	956	JPI NM
99.90 AU KFAB	NE OMAHA	554	FNC ND	103.50 TR WSHH	FL FT LAUDERDALE	1146	GHA TX	106.90 AU WSWT	IL PEDRIA	557	FNC2ND
100.10 ES KATQ	MT PLENTYWOOD	1420	FNC NY	103.50 MS KDA	CO DENVER	896	ABO IL	107.10 ES WLCF	MO SOUTHPORT	1572	FNC2ND

FM STATISTICS

MHZ	PR CALL	STATE/LOCATION	DIST	DXR-LOC	MHZ	PR CALL	STATE/LOCATION	DIST	DXR-LOC	MHZ	PR CALL	STATE/LOCATION	DIST	DXR-LOC
107.10	TR KASI	IA AMES	635	CHD OH	107.50	ES MBYO	PA BOYERTOWN	1585	GHA TX	107.70	MS KWIC	TX BEAUMONT	1192	PSA OH
107.10	MS KDUI	IN HITCHINSON	620	GHA2OK	107.50	TR MDMD	SC ST GEORGE	959	DBU OK	107.70	AU KKSS	MO ST LOUIS	661	FWCEN
107.10	AJ NONE		0		107.50	MS KNOK	TX FT NORTH	1298	SC4 ON	107.90	ES WFSI	MD ANNAPOLIS	1423	PDY TX
107.30	ES WABA	FL ST PETERSBURG	1707	FWC2ND	107.50	AU KPPL	CO LAKELAND	699	JEB MN	107.90	TR WIRK	FL W PALM BEACH	1140	GHA TX
107.30	TR WANS	SC ANDERSON	998	GHA TX	107.70	ES WENA	NY ALBANY	1660	PDY TX	107.90	MS KVLV	TX EDINBURG	1062	ABO TX
107.30	MS WABA	FL ST PETERSBURG	1091	PSA ON	107.70	TR MNCT	NC GREENVILLE	839	ALE LA	107.90	AU WABR	IL AURORA	824	MBU CT
107.30	AU WEDL	OH ELYRIA	613	JEB MN										

KEY TO DXR/INITIALS LOCATION (ALL-TIME DISTANCE RECORDS)

INIT	DXR NAME	STATE	CITY	NLD	NLM	NLD	NLM	INIT	DXR NAME	STATE	CITY	NLD	NLM	NLD	NLM
JAY	JIM AYERS	TN	MURFREESBORO	35	51	86	23	RBR	RUGS BROWN	MI	ST JOSEPH	42	6	86	29
ECO	ERNEST COOPER	MA	PROVINCETOWN	42	3	70	11	JCO	JOHN COMBS	FL	ORLANDO	28	32	81	23
MBU	MIKE BUGAJ	CT	ENFIELD	41	58	72	36	RCO	ROBERT COOPER	OK	OKLAHOMA CITY	35	28	97	32
DBU	DANNY BUNTIN	OK	STILLWATER	36	7	97	4	NDI	NEIL DICHERSON	MD	SHARPTOWN	38	26	75	38
SCH	SAUL CHERNOS	ON	BURNT RIVER	44	39	78	42	PDY	PAT DYER	TX	SAN ANTONIO	29	28	98	36
JEB2	JOHN EBELING	MN	PROSIT	47	1	92	32	BEL	BRUCE ELVING	MN	ADOLF	46	47	92	6
JEB	JOHN EBELING	MN	BLOOMINGTON	44	50	93	17	TFL	TED FLEISACKER	KY	LOUISVILLE	38	16	85	45
BEL2	BRUCE ELVING	MN	DULUTH	46	47	92	6	SBR	STU BRADY	IA	SIOUX CITY	42	30	96	23
JFE	JOSEPH FELA	NJ	S PLAINFIELD	40	35	74	25	GHA2	GLENN HAUSER	OK	ENID	36	19	97	48
JJE	JOHN JEFFERSON	CA	CONCORD	37	59	122	2	GHA	GLENN HAUSER	TX	VON ORMY	29	18	98	31
JJE2	JOHN JEFFERSON	CA	PLEASANTON	37	40	121	53	CHD	CARLON HOWINGTON	OH	UNIONTOWN	40	59	81	25
FWC2	FRED MCCORMACK	ND	FARGO	46	52	96	40	ALE	RON LERLANC	LA	MARRERO	29	54	90	7
FWC	FRED MCCORMACK	ND	DES LACS	48	17	101	25	DMD	DENNIS MOE	IA	ANGSBAR	43	23	92	55
FME	FRANK MERRILL	MI	MILAN	42	5	83	40	JP12	JIM PIZZIT	CA	SANTA MARIA	34	57	120	26
FWC2	FRANK MERRILL	OH	TOLEDO	41	39	83	32	SHE	SHELBY REMINGTON	CT	NEW HAVEN	41	18	72	56
DNI	DAVID NIEMAN	NY	AKRON	43	1	78	30	PSA	PETER SAMATZKY	ON	WATERLOO	43	28	00	31
FND	FRED NORDQUIST	NY	CLAY	43	8	76	8	RSE	ROBERT SEYBOLD	NY	DUNKIRK	42	29	79	20
JP1	JIM PIZZIT	NM	LOVINGTON	32	57	103	21	STD	STEVE THOFFE	IN	VINCENNES	38	41	87	32
JP11	JIM PIZZIT	CA	ORCUTT	34	57	120	26	LVD	LARRY VOST	VA	SPRINGFIELD	38	45	77	13
RST	RALPH STROBEL	IN	MUNCIE	40	11	85	23	RMD2	RICHARD MOOD	AT	MEDICINE HAT	50	3	110	40
SWE	STEVE WEST	PA	HAVERTOWN	39	59	75	18	RMD	RICHARD MOOD	LA	BATON ROUGE	38	23	91	11
FAD	FRANK ADEN	OR	BEND	44	3	121	19	BEL3	BRUCE ELVING	NE	KEARNEY	40	42	99	5
WBI	WALDO BISHOP	FL	TALLAHASSEE	30	25	84	76	MNI	MATTI NITT	BC	VANCOUVER	49	16	123	7
ARO	ANDY BOLIN	IL	CHARLESTON	39	10	80	10	KPU	KEITH PUGH	AL	NEW HOPE	34	32	86	24
								WNO	BILL NOLLMAN	CT	BOZRAH	41	20	72	36

The long overdue FM Distance Records are finally updated. I've checked past WJDs thru Aug 87 for records and incorporated them. Check your records for any FM distance records and submit them with date/time/DXR location received. Also verify your Great Circle Distance coordinates if you're on the above list. 73 -Fred

PHOTO-NEWS

SEPTEMBER 1987

More this month from; Carlon Howington of St. Petersburg, Florida who takes full advantage of a water path to record these great loggings. (milage figures are your editor's)



KLRT-16
Little Rock, AR
(736) mile tropo
seen April 11, 1987

Carlton's photo file continues.....



KLTJ-49
Irving/Ft. Worth/Dallas,
Texas
(927) mile tropo
seen April 12, 1987



KDTX-58
Dallas/Ft. Worth,
Texas
(927) mile tropo
seen April 12, 1987



KBVO-42
Austin, TX
(945) mile tropo
seen April 12, 1987

DAVE

ANARC UPDATE

RADIO NEW YORK INTERNATIONAL



By now everyone must have heard about WRNI, Radio New York International, the pirate radio station that broadcast from a ship in the Atlantic Ocean off of Long Island. Two radio enthusiasts purchased an old freighter from Honduras and spent several thousand dollars to turn it into a radio ship. They tested the station for 5 days on 1620 kHz, 103.1 MHz, and several shortwave frequencies. Before they could officially go on the air, the FCC boarded the ship and closed the station down. They charged the operators with violations of International and Federal Law.

When most DX'ers found out about the station, it was too late to hear them. I found out what frequencies the station was broadcasting on from a news report about their take over. A couple of days later, I heard two DX shows on two different international stations. One program questioned a report of the station. The second program had a full report of the seizure of the ship. It was obvious that the first show was taped prior to the station becoming common knowledge.

This situation points to a major flaw in the way DX news is disseminated. Many stations are "here today and gone tomorrow". An opening may last a short time. If you are not made aware, you may miss a major DX event or the best opening of the year. Information on a DX program, while being very good, is usually at least a week or more old. The information in a club bulletin is at least a month or more old.

There are several solutions to this problem. The easiest is to persuade an International Broadcaster like WRNO, Radio Discovery or Radio Earth to produce and broadcast a daily DX show. It could feature an 800 number to call in the latest DX tips. On the local level, groups of DX'ers could form a telephone network to inform the other members of an opening or a DX event like WRNI. This is one major area that ANARC should be involved in.

From the reports I've heard, ANARCON '87 was a success. About 300 people attended this year's ANARC Convention. Hopefully, I'll have a full report from a guest reporter in the near future.

Where's my ANARC Newsletter? The newsletter had its problems lately. One problem is finding enough information to fill the newsletter. I suggested that two or three of the best articles of the club bulletin be reprinted in the Newsletter. Hopefully the newsletter will have a new look in the near future. For the time being, the ANARC Newsletter will be a bi-monthly.

ANARC has a new address. For subscriptions to the Newsletter and club lists, write to PO Box 462, Northfield Mn 55057.

Another address of interest to some is to our local LPTV W44AI Hicksville. For information about the station, or to produce your own program write to:

Community TV, 110 E. 23rd Street, New York, NY 10010. Please mention WTFDA and explain a little about our club.

Are there any similar LPTV's like our TV-44, with a lease time format in your area? I'd like to hear about it. Please tell me the types of programs the station broadcasts and an address where they can be contacted.

It has been a long hot summer. It has not been one without a good DX mystery. On August 2nd, I received a test pattern on channel 53 in the evening. It was coming from the south. Could channel 53 from Atlantic City NJ be returning to the air? Hopefully, by the time this shows up in the VUD, my mystery will be solved.

Well that's it for this month. If anyone wants to contact me, write me at 15 Berry Lane, Hicksville, NY 11801-6203.

WNCS
Stereo 96.7 fm

WNBC-TV4 

WNYC-TV-31

73's

Steven P. Sprachman.

NORTHERN FM-DX

Joseph Fela
150 Robert Place
So. Plainfield, N.J. 07080
1-201-755-3852

SEPTEMBER 1987

Deadline: 8th of the month

Although there was less skip in July than June, it was still a very good month. There were 2, very possibly 3, occurrences of 2Es (see the reports of Fred Nordquist, Robert Ross, and Dave Nieman). This season has certainly been the best for skip in many years. And although there wasn't a tremendous amount of trop in July, some of it was quite good. Now for the reports:

RALPH STROBEL - 106 E. DAVIDSON ST. - MUNCIE, IN. - 47303

Equipment: McIntosh MR-78 FM tuner with CM \$ Probe 9 antenna and rotor at 37 feet.

APRIL 1987

22 MS
0949 KENW 89.5 NM Portales 1110
(see end of report for meteor scatter details)

MAY 1987

4 Tr
0156 WHPK 88.5 IL Chicago, j, 100 watts.
Ex-10 w., 88.3, WMUB Off 160

6 MS
0933 KVNE 89.5 TX Tyler, g\$ 810

17 MS
0525 WLK 96.9 NC Statesville-Charlotte 410

22 Es
1702 KENW 89.5 NM Portales, ID w/89.7 1110
1710 KEZB 93.9 TX El Paso, ment. I-10 1360
1736 KLB 93.7 TX Austin, r\$, ads 1050
1820 KWYK 94.9 NM Aztec-Farmington
"95-QUICK" 1290

1830 KOAQ 103.5 CO Denver, r\$, ads 1060
1836 KLYT 88.3 NM Albuquerque, g\$ 1260
1842 KKAZ 96.9 NM Farmington, k\$ 1300
1845 KSEC 93.3 CO Lamar, ads, \$ 980
1848 KEZU 94.5 KS Scott City, ad, \$ 880
1859 KSLV 95.3 CO Monte Vista, k\$ 1120

23 Tr
2236 KOPN 89.5 MO Columbia, j\$ 400

25 Tr
0259 KSJN 91.1 MN St. Paul, c\$ 510

JUNE 1987

2 Es
1853 KUVO 89.3 CO Denver, j\$ 1060
1858 KCSU 90.5 CO Ft. Collins, j\$ 1090
1900 K202AS 88.3 WY Laramie, g\$
10 w. translator, KWBI IDs 1100

1913 KMOR 92.9 NE Scottsbluff-Gering 1000
1917 KZKXt 96.9 NE Seward, "96-KICKS" 650
1920 KNEB 94.1 NE Scottsbluff-Gering,
k, \$ 1000

1955 KPPR 89.5 ND Williston, j\$ 1100
1955 KMPR 88.9 ND Minot, j\$ 1000
1955 KCND 90.5 ND Bismarck, j\$ 930

(The above three all // with full IDs)
1958 KVSC 88.1 MN St. Cloud, j\$
"Your Sound Alternative, KVSC" 590

3 Es
1750 KLZY 92.5 WY Powell, WY news 1220
1751 KMCM 92.5 MT Miles City, r\$, ads 1150
1801 KOLL 96.9 WY Gillette, r\$, nx 1100
1803 KLWD 96.5 WY Sheridan, nx, \$ 1180
1806 KMHA 91.3 ND New Town, nx, \$ 1050
1811 KBYZ 96.5 ND Bismarck, r\$ 930
1815 KYYZ 96.1 ND Williston, ad, \$
(Co/WQLK Richmond, IN) 1100

1829 KDSR 101.1 ND Williston, r\$ 1100
1833 KCND-90.5, KPPR-89.5, and KMPR-88.9 ND
all in unison

5 Tr
0157 WSTZ 106.7 MS Vicksburg-Jackson
r\$, "Z-106" 660

JUNE 5 Tr (continued)

0313 WWKZ 103.5 MS New Albany-Tupelo
r\$, gave address, "KZ-103" 480
0328 WZLQ 98.5 MS Tupelo, k\$, "Z-99" 490

5 Es
0950 KLB 93.7 TX Austin, r\$ 1050
0959 KOJO 94.1 TX Ft. Worth, l\$, ss
Ex-93.9 860

(KOJO has since changed to EE, rock or is
it Christian Contemporary? -jf)

1000 KNON 90.9 TX Dallas, rj\$ 850
1005 KGNZ 88.1 TX Abilene, g\$ 1030

1008 KMMX 106.7 TX Terrill Hills-SAT
r\$, "K-MIX" 1135

1014 KDLZ 107.5 TX Ft. Worth, r\$ 860

1016 KMEZ 100.3 TX Dallas, b\$
(Previous via Tr) 850

1019 KPSM 99.3 TX Brownwood, r mono 1040
1021 KETR 88.9 TX Commerce, PSA, \$ 790

1022 KSCS 96.3 TX Ft. Worth, k\$ 850
1026 KDNT 94.5 TX Gainesville, k\$, ads 850

1030 KFLQ 91.5 NM Albuquerque, g\$ 1260
1036 KGEE 99.9 TX Monahans, k\$ 1135

1044 KBIL 92.9 TX San Angelo, \$ 1110
1102 KENW 89.5 NM Portales, nx, \$ 1120

8 Tr
0146 KABF 88.3 AR Little Rock,
p, faint 565

8 Es
1141 KTSU 89.5 CO Pueblo, r\$ 1070

9 MS
0530 WEQR 96.9 NC Goldsboro 540

11 Tr
0033 WJDJ 93.9 KY Burnside, r\$, "DJ-94"
(My first Class A on a B/C Frequency) 260

0501 WHIC 94.3 KY Hardinsburg, s/on, \$ 200
0557 WYCE 88.1 MI Wyoming, l\$
(SS IDs one minute before WVPE Elkhart s/on)
145

14 Es
1133 WYNF 94.9 FL Tampa, r\$ 905

1148 WPD5 93.3 FL Tampa, r\$ 905
1149 WKPX 88.5 FL Sunrise, t\$ 1050

1150 WEOW 92.5 FL Key West, r\$ 1140
1201 WMNF 88.5 FL Tampa, e\$ 905

1206 WEDR 99.1 FL Miami, r\$ 1090
1220 KYKR 93.3 TX Port Arthur, k\$ 910

1232 KTXF 100.3 TX Brownsville, k\$ 1300
1255 KMMX 106.7 TX Terrill Hills-SAT
r, \$ 1135

1326 KSTE 93.9 TX Corpus Christi, r\$ 1190
1331 KRY5 99.1 TX Corpus Christi, k\$ 1190

1358 KOYE 94.9 TX Laredo, r\$ 1275
1945 KISR 93.7 AR Ft. Smith, r\$, ads 625

2200 KMTH 98.7 NM Maljamar
c, \$, // to 89.5 1190

2209 KLLL 96.3 TX Lubbock, k\$ 1070

-->--> CONTINUED -->-->

RALPH STROBEL's report (continued)

JUNE 15 Es				
1140 KJCR	88.3	TX	Keene, g	925
1958 WMMR	96.3	ME	Rumford, r\$	790
1959 CBHA	90.5	NS	Halifax	1145
2004 CBHN	89.5	NS	New Glasgow	1220
2004 CBHC	89.1	NS	Truro	1185
(all mono, // w/NS wx - mentioned Halifax)				
16 Tr				
0300 WMEJ	91.9	OH	Proctorville, g\$	210
16 Es				
1028 WJDB	95.3	AL	Thomasville, nx, \$	640
1031 WUWF	88.1	FL	Pensacola, c\$	735
1043 WMEJ	94.1	FL	Pensacola, b\$	735
1927 KSBZ	88.1	TX	Humble, g\$	950
1931 KGNZ	88.1	TX	Abilene, g\$	1030
1938 KSTE	93.9	TX	Corpus Christi, r\$	1190
1947 KIXV	95.3	TX	Brady, r\$	1070
1951 KRY5	99.1	TX	Corpus Christi, k\$	1190
2006 KTXN	98.7	TX	Victoria, b\$	1110
17 Es				
1831 WBVM	90.5	FL	Tampa, g\$	905
1842 WMLV	94.5	FL	Daytona Beach, b\$	845
1843 KQXY	94.1	TX	Beaumont, b\$	900
1919 WJIS	88.1	FL	Bradenton, g\$	990
19 Es				
1458 KBNR	88.3	TX	Brownsville, SS, \$	1300
1508 KSTE	93.9	TX	Corpus Christi, r\$	1190
1528 KLUX	89.5	TX	Robstown, m\$	1195
1548 KBNL	89.9	TX	Laredo, SS, \$	1275
1612 KVMG	95.3	TX	Pearsall, SS mono	1160
1619 KNCT	91.3	TX	Killeen, wx, \$	1000
1700 KGNZ	88.1	TX	Abilene, g\$	1030
1223 KTAQ	93.9	WY	Riverton, ad, \$	1240
1755 KMPP	88.9	ND	Minot, j\$, // to:	1000
1755 KKPR	89.5	ND	Williston	1100
22 Es				
1000 WPDS	93.3	FL	Tampa, r\$	905
1004 WMCU	89.7	FL	Miami, g\$	1090
1008 WINK	96.9	FL	Ft. Myers, r\$	1015
1016 WNLZ	95.7	FL	Clearwater, r\$	900
1017 WPOW	96.5	FL	Miami, ads, \$	1090
1021 WKQst	99.9	FL	Boca Raton,	
"KISS-FM" (that them.-jf)				
1035 WJIS	88.1	FL	Bradenton, g\$	990
23 MS				
0302 WWRX	103.7	RI	Westerly-Providence	700
25 Es				
1018 KTSC	89.5	CO	Pueblo, r\$	1070
1034 KILQ	93.9	CO	Colorado Springs, r\$	1075
1036 KKFM	96.5	CO	Colorado Springs, ad, \$	1075
1045 KUVO	89.3	CO	Denver, pledges, \$	1060
28 MS				
0251 KVNE	89.5	TX	Tyler	810
29 MS				
0815 KVNE	89.5	TX	Tyler	810
29 Es (MUF 108+)				
1440 KSTE	93.9	TX	Corpus Christi, r\$	1190
1451 XET	94.1	NL	Monterrey, SS, L\$	1400
1459 KH0Y	88.1	TX	Laredo, b\$	1275
1450 KJIC	89.3	TX	Pasadena, g, 440 w.	945
1553 KBAT	93.3	TX	Midland, wx, \$	1140
1600 KWKI	95.3	TX	Big Springs	1110
1600 KIXV	95.3	TX	Brady, r\$, ad	1070
1613 KKTG	103.9	TX	Brownfield, r\$, ad	1090
1619 KROB	99.9	TX	Robstown, k\$	1195
1623 KFMX	94.5	TX	Lubbock, wx, \$	1070
1624 KZOR	94.1	NM	Hobbs, ads, \$	1175
1630 WMAU	88.9	MS	Bude, PRM, \$	725
1645 KENW	89.5	NM	Portales	1110

JUNE 29 Es (continued)

1653 KQIP	96.9	TX	Odessa, r\$	1160
1706 KOYE	94.9	TX	Laredo, Toyota ad, \$	1275
1718 KODA	99.1	TX	Houston, b\$	950
1728 KMML	98.7	TX	Amarillo, k\$	1010
1732 KLLL	96.3	TX	Lubbock, k\$	1070
1736 KNID	96.9	OK	Enid, PSA, \$	775
1740 KORQ	100.7	TX	Abilene, r\$	1030
1741 KOAQ	103.5	CO	Denver, r\$, "Q-103"	1060
1744 KVGB	104.3	KS	Great Bend, ad, \$	770
1747 KBRQ	105.1	CO	Denver, r\$	1060
1751 KWZO	103.7	TX	Hamlin, k\$	1040
1754 KMXX	105.5	CO	Sterling, ads, \$	970
1757 KNMI	88.9	NM	Farmington, g\$, 410 watts	1300
1800 KCSU	90.5	CO	Ft. Collins, j\$	1090
1800 KJTY	88.3	KS	Topeka, g\$	590
1801 KABF	88.3	AR	Little Rock (Prev. via trop)	565
1809 KNEB	94.1	NE	Scottsbluff, nx, \$	1000
1812 KCME	88.1	CO	Manitou Springs, c\$	1095
1816 KEZU	94.5	KS	Scott City, b\$	880
1821 KBPI	105.9	CO	Denver, p\$	1060
1826 KRPT	103.7	OK	Anadarko, k\$	820
1832 KAZY	106.7	CO	Denver, r\$	1060
1834 KUNC	91.5	CO	Greeley, nx, \$	1050
1840 KQKS	104.3	CO	Longmont, r\$	1060
1850 KUAD	99.1	CO	Windsor, ads, \$	1100
1858 KCFR	90.1	CO	Denver (o/WIAN Ind)	1060
1901 KUWR	91.9	WY	Laramie, \$	1100
1915 KYOU	92.5	CO	Greeley	1050
1927 KKAZ	100.7	WY	Cheyenne, k\$	1050
1930 KLEN	106.3	WY	Cheyenne, b\$	1050
1931 KKDD	107.1	CO	Brush, r\$, "KD-107"	990
1935 KKCS	101.9	CO	Colorado Springs	1090
1939 KMJI	100.3	CO	Denver, "MAGIC-100"	1060
1944 KCOL	107.9	CO	Ft. Collins, (o/WTPI Ind)	1090
1946 KRXY	107.5	CO	Lakewood, r\$, ads	1065
1950 KVOD	99.5	CO	Denver, c\$ (o/WZPL Greenfield-Ind)	1060
1951 KRQU	102.9	WY	Laramie, r\$	1100
1954 WQCS	88.9	FL	Ft. Pierce, c\$, "CLASSICAL-89", ex-88.3	975
1956 KTCL	93.3	CO	Ft. Collins	1090
1959 KEYQ	101.5	CO	Eagle, r\$	1125
1959 KEZH	101.5	NE	Hastings	720
2011 KSRZ	94.9	NE	North Platte	850
2012 KRDO	95.1	CO	Colorado Springs, b\$, (Prev. via MS)	1090
2017 KEMC	91.7	MT	Billings, c\$	1270
2018 KUVO	89.3	CO	Denver	1060
2022 KLYT	88.3	NM	Albuquerque, g\$	1260
2023 K202AS	88.3	WY	Laramie, // 91.1 KWBI	1100
2028 KTRS	95.5	WY	Casper, r\$, (o/WFMS Ind)	1140
2040 KHIH	94.7	CO	Boulder, r\$, (o/WFBA Ind)	1070
2043 KVVU	99.9	CO	Pueblo, r\$	1070
2044 KQLT	103.7	WY	Casper, b\$	1140
2049 KIKX	102.7	CO	Manitou Springs, r\$	1095
2053 KSKU	106.1	KS	Lyons	745
2059 KZNA	90.5	KS	Hill City, KS nx, // to:	800
2059 KANZ	91.1	KS	Garden City, both \$	890
2108 KVSU	105.5	KS	Beloit, b\$	740
2113 KQTZ	105.9	OK	Hobart, r\$, "KQ-106"	880

->->-> CONTINUED ->->->

RALPH STROBEL's report (continued)**JUNE 29 Es (continued)**

2116 KFDI 101.3 KS Wichita, ad
(o/WFMG Richmond, IN) 720

2125 unID 106.5 ?? s\$, "FRESH 106"??
2130 KNYD 90.5 OK Broken Arrow, g\$ 675
2132 KYSD 93.9 TX San Angelo 1110
2134 KATX 97.3 TX Plainview, wx, \$ 1060
2143 KZZO 107.5 NM Clovis, r\$
"THE 200-108" 1110
2149 KMTH 98.7 NM Maljamar, c\$ 1190
2152 unID 101.1 ?? "K-LIFE-101", \$??
2200 KRLG 98.1 OK Lawton, r\$ 880
2200 KTXT 88.1 TX Lubbock, r\$ 1070

JULY 1987

1 MS
0300 WKNE 103.7 NH Keene 690
4 Tr
0459 WTNS 99.3 OH Coshocton, s/on, \$
(Finally - after thousands of tries!!!) 185
1659 WMAE 89.5 MS Booneville, PRM IDs, \$
(Prev. via MS) 450

4 Es
1843 XET 94.1 NL Monterrey, SS, \$ 1400
1845 XHSAB 89.5 NL Sabinas Hidalgo, SS, \$ 1360
1900 KSTE 93.9 TX Corpus Christi, r\$ 1190

5 Tr
0519 WLGC 105.5 KY Glasgow, k\$ 150

COMMENTS: This has definitely been a great Summer for E-skip. June 29th was a terrific day in which I logged 40 new stations. Notice how some of my loggings are very close for skip. What Luck! Let's hope it happens once again before the season is over.

73, Ralph

BRUCE F. ELVING - 241 ANDERSON ROAD - ESKO, MN. - 55733-9413

This is my FM DX report for the last three months. I support keeping stale reports out, and will not mention any DX I may have gotten over three months ago. Stations reported here are new loggings, plus a couple of tentatives. First the tentatives. John Ebeling played me a tape of "Crystal 107" from FL with a b format, which I suspect to be WCXL Vero Beach. Anyone? (On 101.7. I heard the same "Crystal" slogan last year but it didn't last long enough to pin it down to WCXL although that's who I suspected also -jff). And I heard on 94.3, using my 1969 Fisher, which John had just restored, automated into a reel-to-reel recorder which he had also just repaired, a NJ station on 94.3 calling itself K-94 FM. WJLK-FM? and having a tune by Madonna, so you can guess it's format. (It is WJLK -jff). DX:

ALL TIMES CDT**MAY 1987**

22 Es
2100 KHOY *88.1 TX Laredo, \$, g
27 Tr
0900 KCMR *93.5 IA Mason City,
\$, b, non-commercial

4 Es
1101 WUWF *88.1 FL Pensacola, \$
17 Es
2002 KLTQ 93.3 UT Salt Lake City, "q-93"
2100 KCJR *90.7 ID Twin Falls, g, +U SCA
2137 KVFV 94.5 UT Logan, \$, no nonID
2200 KUSU *91.1 UT Logan, \$, c,
poor production, "students on break"

21 Es
1856 WSOU *89.5 NJ So. Orange, in briefly
1900 WDCO-FM *90.1 GA Cochran, ID with Peach
State Public Radio stns.
1956 WLTB 99.5 AL Birmingham, no nonID
1958 WTUN 100.1 AL Selma, \$, U of AL promo

24 Tr
KCRB *88.5 MN Bemidji, \$, local nx
29 Es
1733 WMNF *88.5 FL Tampa, \$
1744 KTSU *90.9 TX Houston, "Choice" news,
East Indian SCA 92 kHz
1802 WKJN 103.3 LA Hammond, \$, no SCA,
thru local KUMD

Meteor Scatter Results:

Apr. 22 KENW "...KMTH-FM, Public Radio for
the High Plains..."

May 6 KVNE "...33. You're listening to
KVNE on a Wednesday, May the 6th. Also
in that set of music, Michael Carr
brought us.... (shortened by -jff)
..... Anorexia and Bulimia is their
subjects all week long on KVNE. Let's
take a look at the....."
(42 second burst!!)

May 17 WLKV "...in Statesville..."
June 9 WEQR "...point nine, WEQR. Wel-
come to Tuesday morning, Greg
Michaels in for Allen Huber..."

June 28 WWRX "...103-7 WWRX Westerly-
Providence, quality rock and roll."

June 28 KVNE "...2:51 on a Sunday morning.
This is music with a difference on
KVNE. Here's Don Rawlins..."

June 29 KVNE "...At 8:15, this is KVNE.
In the gospel of Matthew, Jesus
said, 'why do you worry about
clothes? See how the lilies of
the fields grow....'"

July 1 WKNE "...WKN...."

JUNE 29 Es (continued)

1820 KAJN 102.9 LA Crowley, \$
1827 WLTS 105.3 LA Slidell, \$
1831 KQKQ 106.5 TX Galveston, Spanish
"kaw-coo-coo-kaw"

1849 KCIL 107.5 LA Houma, \$
2001 KYKS 105.1 TX Lufkin,

ID thru local WAVC
2100 KTJC 92.1 LA Rayville, illegally
signing-off at 9 p.m. They've since
written saying they now sign off at 10!

2100 KOOI 106.5 TX Jacksonville,
"K Double O Eye"

2117 KHAA 106.7 LA Port Sulphur,
unannounced m, \$

2210 WBSN *89.1 LA New Orleans,
thru nearby WNCB Duluth

2130 WTUL *91.5 LA New Orleans, \$, news

2100 KLSA *90.7 LA Alexandria, hourly ID
calls only, no mention of Alexandria

JULY 1987

16 Tr
0835 KBBG *88.1 IA Waterloo, \$, s
1000 KBVB 103.9 NE Crete, now in \$,
m or b format
1021 KGRD 105.3 NE Orchard, new stn in \$,g

BRUCE ELVING's report (continued)JULY 16 Tr (continued)1030 KBRX-FM 102.9 NE O'Neil, farm, other talk, pseudo \$, "KBRX" calls heard

16 Es

1100 WFIT *89.5 FL Melbourne, frustrating hearing tropo and skip at the same time!1130 WCLK *91.9 GA Atlanta, calls and promo,\$1247 WDMG-FM 99.5 GA Douglas, \$, but no music heard, suspect format change to g1301 WMFE-FM *90.7 FL Orlando, c, two SCAs1322 WUFT-FM *89.1 FL Gainesville, c, two SCAs1400 WMOT *89.5 TN Murfreesboro, ID in briefly1416 WYFS *89.5 GA Savannah, Bible Broadcasting Network (BBN -jf), with frequent local breaks, \$, g1500 WSVH *91.1 GA Savannah,, \$, c,"In Touch" SCA, not Coastal Area Reading Service1502 WXVS *90.1 GA Waycross, only station in Peach State Public Radio Network list on 90.1., thought I was listening to WABE Atlanta until ID came.1503 WKTZ-FM *90.9 FL Jacksonville with donor announcement, apparently selling underwriting "sponsorships" in hourly blocks1554 WMTZ 94.3 GA Moultrie, "WMTZ-94"JULY 17 Es1800 WDAS-FM 105.3 PA Philadelphia, after John Ebeling tipped me off to the skip's being from the east; beautiful ID thru WAVC's sideband, while aimed at Duluth, \$, s1900 WYFG *91.1 SC Gaffney, ID, \$, g1944 WMAH-FM *90.3 MS Biloxi, assumed from ID list, but could have been Oxford; other stations coming in, however, put it in S. MS.1944 KADE *89.5 TX Weatherford, ID and promo, in briefly, fighting for survival with Spanish station, which could have been XHSAB-FM Sabinas

Hidelgo

20 Tr0825 WIKB-FM 99.3 MI Iron River, \$, k, Rodeo Day spots.1024 WONT 98.3 MI Ontonagon, weakly in \$, through nearby WNBFI-FM Park Falls, WI. WONT was one of my closest unheard stations.

COMMENTS: This has been about the best July for skip that I can recall, and its tropo has not been bad, either. I actually hope conditions are more "normal" when the convention comes around. 73, Bruce

ERNEST R. COOPER - 5 ANTHONY STREET - PROVINCETOWN, MA. - 02657JULY 19873 Tr

1002 C--- 99.7 QU Station with mix of U.S. k music and FFC (French Canadian -jf) songs with all announcements in French, except for mention of "FM Country" at 1049. (Don't know the call but I think this is the new FM of CKRB-1460, St. Georges-de-Beauce -jf)

1200 CBAF-14 102.3 NF Fredericton, news in FF mention of CBAF at 1210, and car spot in EE at 12127 Tr0200 WKTJ 99.3 ME Farmington, car dealer ad

0202 C--- 99.7 QU Same mystery FFC, with again mention in EE of "FM Country": k

0259 WTHT 102.9 ME Portland,

"All Hits, All the Time

7 Es1754 WAAC 92.9 GA Valdosta (note -jf), k, in/out with local WBOS1831 WMAB 89.9 MS Mississippi State, business news. How do you get a verie from any of these WMA- stations? (Have you tried confederate stamps for return postage? -jf)1907 WCIC 91.5 IL Pekin, g1919 WCVK 90.7 KY Bowling Green, "Christian Voice of Southern KY and Northern TN"1943 WCBU 89.9 IL Peoria, local community calendar announcements2000 WEVL 89.9 TN Memphis, also local events to come.9 Es1136 WXEL 90.7 FL West Palm Beach, "Adventures in Music, c14 Tr0128 WKCR 89.9 NY New York, b0245 WBNJ 105.5 NJ Washington Court House, bJULY 14 Es1629 WMBI 90.1 IL Chicago, traffic, nx, g1635 WONC 89.1 IL Naperville, Trivia question, wx, r Des Moines, reading for the blind.1808 KMEM 96.7 MO Memphis, community calendar items. much mention of Scotland County and church nx.1825 KRAV 96.5 OK Tulsa, r, traffic, New state for me!1838 KLTH 97.1 MO Florissant, r,"K-Light" IDs with hardsell style announcer15 Es1645 WRMB 89.3 FL Boynton Beach, g1700 KDAQ 89.9 LA Shreveport, All Things Considered. Announced as "Cultural Service of Louisiana State University"17 Es1058 WRWA 88.7 AL Dothan, also announcing WTJB & WTSJ; S.E. Alabama Public Radio Network1208 WJIS 88.1 FL Bradenton, g1308 CBNM 90.3 NF Marystown, promo for "On the Go" at 4:30 p.m., or 3 p.m. in Labrador. (Labrador is on ELT!)1619 CBSM 89.5 ON Sault Ste. Marie, Northern Ontario net, info on national parks, sports, weather.1633 CBLL 88.3 ON Wawa, same program as CBSM, even audible on car radio @ 16501634 UNID 89.3 QU?? FFC, r. Who's this one? (In view of CBSM and CBLJ, it would seem to me that CBON-22 Thunder Bay is most likely. The CBON--s are French -jf)23 Tr2045 WDME 103.1 ME Dover-Foxcroft, Maine Guides BB2101 WCMS 100.5 VA Norfolk, k2127 WESMT 91.3 MD Princess Anne(see note) -->--> CONTINUED -->-->

ERNEST COOPER's report (continued)

JULY 24 Tr

0228 WSWL 106.5 NC New Bern, r
 0305 WBAI 99.5 NY New York, discussion,
 knocking out Local WSSH
 0310 WYFI 99.7 VA Norfolk, g

note re: WESM-91.3. Concert by National
 Symphony Orchestra, faded out at 2135 before
 any ID, no one else seems plausible.
 (I'm not sure if WESM would be running
 anything like this. What about WPBX on LI?
 -jf)

FRED NORDQUIST - 7945 BOXFORD ROAD - CLAY, NEW YORK - 13041

Equipment: Receiver - Carver TX-11A,
 Antenna - Channel Master Stereo Probe 9, CDR rotor with BELDON 9104 coax 30 AWG
 75 ohm. Antenna height - 30' AGL.

Underlined new to log

JULY 1987

6 Tr
 2001 CBF8 88.1 PQ Trois Riveres, Ffc nx 283
 7 Es to IA/SD/NE/WI 1831-1920 MUF 106 mHz
 1839 KDCR 88.3 IA Sioux Center, lcl wx 1011
 1832 KUSD 89.7 SD Vermillion, SD nx 1052
 1835 K1WA 105.5 IA Sheldon, severe wx/ads 994
 1844 WOW 94.1 NE Omaha,
 local record promo 1022
 1900 WRVM 102.7 WI Surling,
 tornado warning, g 621
 8 Es 1906-2116 but gone most time - no IDs

9 Tr

0007 WJYY 105.5 NH Concord, "JOY 105.5" 232
 0047 WTOS 105.1 ME Skowhegan,
 "THE ROCK OF MAINE" 339
 2102 WLPW 105.5 NY Lake Placid,
 lcl ads o/WSGO null 134
 11 Es to FL/MS/La 1620-2120 MUF 102 mHz
 1627 WJIS 88.1 FL Bradenton, "JOY 88", g 1141
 1629 WMIE 91.5 FL Cocoa, ID, g 1053
 1643 WCIE 91.1 FL Lakeland, g, rock 1092
 2053 KSLU 90.9 LA Hammond, ID 1179
 2059 WMSU 88.5 MS Hattiesburg, j 1090

14 Es to IA/WY/NE/AR/OK/TX 1749-2150

MUF 107 mHz
 1749 KWTI 90.3 IA Sioux City, wx/ID 1027
 1758 KUWR 91.9 WY Laramie, ID
 (new state #40 - ON TAPE) 1511
 1808 KEXL 106.7 NE Norfolk, NE nx 1085
 1819 KXNP 103.5 NE North Platte,
 local ads/sports 1269
 1821 KOOC 104.5 NE Cozad, lcl ads 1234
 1830 KEZQ 100.3 AR Little Rock, ID 1043
 1913 KWDG 96.7 OK Idabel, "G-96-FM" 1195
 2100 KNTU 88.1 TX Denton, j, ID 1331
 2054 KKDA 104.5 TX Dallas, r, "K-104" 1334
 2105 KLTIS 96.7 TX Palestine,
 wx, local nx, ID 1326

2121 KBUS 103.9 TX Paris, ID 1238
 17 Es to NF/KS/NE/NV!!/TX 1747-2056 MUF 108 mHz
 1750 VOCM 97.5 NF St. Johns,
 r, lcl ads, "VO-FM" 1178

1751 CKIX 99.1 NF St. Johns,
 r, "COUNTRY 99 FM" (with r? -jf) 1178
 1752 CBAF-20 105.9 NF St. Johns, r, Ffc nx 1178
 1753 CJOZ 96.7 NF St. Johns, r, "OZ-FM"
 NF #13 1178

1759 KSLS 101.5 KS Liberal, k, ID 1376
 1808 CIOZ 96.3 NF Marystown, "Top 20
 Countdown on OZ FM". 1060

1936 KFMQ 101.9 NE Lincoln, ID, r 1069
 1948 KCEP 88.1 NV Las Vegas, long ID -
 all on tape!! 1st 2Es and new state
 #41. Is this still 4700 watts at
 -16' AAT???

2129

JULY 17 Es (continued)

2014 KSRZ 94.9 NE No. Platte, r, SID 1270
 2021 KLLS 100.3 TX San Antonio,
 local ads 1564

2056 KKED 90.3 TX Corpus Christi,
 asking for local support, cl mx 1598
 17 Super Tr to OH/MI/IN/IL during Es session

2005-2345

2005 WBCL 90.3 IN Ft. Wayne, g 484
 2024 WSWR 100.1 OH Shelby, ID 370
 2106 WVCS 91.9 PA California, ID/TC 287
 2159 WJCH 91.9 IL Joliet, Family Radio,
 local church anncts/ID 620

2222 WJBD 100.1 IL Salem, ID,
 "J-100", r, lady anncr. 738

2254 WGLE 90.7 OH Lima,
 "FM91", BBC cl mx 441
 2337 WPTW 95.7 OH Piqua, nx, wx ck 467

24 Tr

0151 WERG 89.9 PA Erie,
 ID briefly o/WTLR 211

0156 WFRJ 88.9 PA Johnstown,
 g, ID, church anncts. 240
 0233 WFRB 105.3 MD Frostburg,
 "B-105 tri-state weather", ID, k 290

27 Es to AR 1800-1815 MUF 98 mHz

1815 KSBC 90.1 AR Hot Springs,
 g, "FM90-KSBC" 1088
 1812 KWBO 97.5 AR Hot Springs,
 local ads 1088

July was a super month with 2 new states
 logged, 1st 2Es and a super Tr session
 combined with Es on 7/17. Hope some of you
 had similar DX luck. Totals now at 1336,
 with this year being the most productive
 since 1977. The TX-11a is really doing the
 job.

73-Fred

(Very nice on your KCEP catch, Fred. You
 seem to have the FM mileage record for 1987
 so far. -jf)

ODDS AND ENDS

New WCHX-105.5 Lewistown, PA is now on the
 air. Current operating hours are 6 a.m.
 to Midnight. Format unknown.

WOTB Middletown, R.I. has made the move from
 107.1 to 100.3, much to the dismay of
 certain SE New England DXers.

WWIN-95.9 Glen Burnie (Baltimore), MD has
 changed calls to WGHT.

ROBERT S. ROSS - BOX 4373, STN. C - LONDON, ON. - N5W 5J2

Equipment: Viking 5813 w/beam.

JUNE 1987

29 Es

1756 KUHF 88.7 TX Houston
 1811 KKMV 104.5 TX Orange
 1814 KYKS 105.1 TX Lufkin
 1817 KTUX 98.9 TX Carthage
 1827 KVRP 95.5 TX Haskell
 1832 KSTV 105.7 TX Stephenville
 1835 KEBC 94.7 OK Oklahoma City, o/local
 1842 KRPT 103.7 OK Anadarko
 1843 KQTZ 105.9 OK Hobart
 1846 KBUC 107.5 TX San Antonio
 1855 KEYI 103.5 TX San Marcos
 1909 KAPT 94.7 TX Luling, o/local
 1920 WKCO 98.7 MS Vicksburg
 1928 KVIL 103.7 TX Dallas
 1931 KCBT 89.3 TX Dallas
 1941 KSCS 96.3 TX Ft. Worth
 1944 KEGF 97.1 TX Ft. Worth
 1949 KZEW 97.9 TX Dallas
 2009 KCIL 107.5 LA Houma
 2036 WTYX 94.7 MS Jackson, o/local
 2048 WKJN 103.3 LA Hammond
 2056 KBAU 94.3 LA Galliano
 2105 WHSY 104.5 MS Hattiesburg
 2109 KBIU 103.7 LA Lake Charles
 2117 WGDW 106.3 MS Pascagoula
 2120 WXBW 102.7 FL Milton
 2123 WNOE 101.1 LA New Orleans
 2137 WABB 97.5 AL Mobile
 2142 WIZD 104.1 AL Atmore
 2144 WLVV 106.3 FL Panama City
 2156 KLSF 96.9 TX Amarillo
 2202 KACU 89.7 TX Abilene
 2208 KTQM 99.9 NM Clovis, NEW STATE, #26
 2219 KCLV 99.1 NM Clovis
 2233 KFAN 101.1 TX Fredericksburg
 2249 KILT 100.3 TX Houston
 2255 KFMK 97.9 TX Houston

JULY 1987

2 Es

2058 WMNF 88.5 FL Tampa
 2102 WUFT 89.1 FL Gainesville
 2105 WJIS 88.1 FL Bradenton

3 Es

2033 KERA 90.1 TX Dallas
 2040 KDLZ 107.5 TX Ft. Worth

7 Es

1622 WSCI 89.3 SC Charleston
 1635 WBVM 90.5 FL Tampa
 1637 WKPX 88.5 FL Sunrise
 1800 WQCS 88.9 FL Ft. Pierce

11 Es

1843 KKED 90.3 TX Corpus Christi
 1847 KTSU 90.9 TX Houston
 1904 KPFT 90.1 TX Houston

2100-2113 Belize National Radio Network - 88.9

ID by male in English at 2100, "This is the Belize National Radio Network - and the news in English and Spanish". Items on Haiti, Guadeloupe, and Cuba. Different male read weather in English. Also gave tropical weather outlook. Mixing and faded out at 2113. My first foreign FM station and possible double hop E-skip! ('85 WRTVH lists Ladyville on this frequency with 10 kw. A very nice catch at roughly 1850 miles! -jf)

JULY 11 Tr

2322 WKKO 99.9 OH Toledo
 2330 WJER 101.7 OH Dover
 13 Es
 1930 WMCU 89.7 FL Miami
 14 Es
 1726 CBAF-26 88.5 NB Moncton, Province #2
 1726 CBAF-29 88.1 PEI Charlottetown, Province #3
 1726 CBAF-27 88.7 NS New Glasgow, Province #4
 (The above three were // in French.)
 1735 CBNM 90.3 NF Marystown, Province #5
 1751 CIOZ 96.3 NF Marystown
 1805 KDCR 88.5 IA Sioux Center, New State, #27
 1814 KGLI 95.5 IA Sioux City
 1820 KRQU 102.9 WY Laramie, New State, #28
 1822 KXNP 103.5 NE North Platte, New State, #29
 1826 KTCH 104.9 NE Wayne
 1828 KSLT 107.3 SD Spearfish
 1835 KRXY 107.5 CO Lakewood
 1838 KESD 88.3 SD Brookings
 1841 KFBQ 97.9 WY Cheyenne
 1844 KQKY 105.9 NE Kearney
 1845 KCOL 107.5 CO Ft. Collins
 1847 KKKL 105.1 CO?? Denver??
 1900 KILI 90.1 SD Porcupine
 1904 KUNC 91.5 CO Greeley
 1906 KSDZ 95.5 NE Gordon
 1930 KMFR 88.9 ND Minot, New State, #30
 2056 KTFA 92.1 TX Groves
 2102 WMAU 88.9 MS Bude
 2105 KSBJ 88.1 TX Humble
 2112 KQXY 94.1 TX Beaumont
 2120 KKMY 104.5 TX Orange
 2201 KPFT 90.1 TX Houston
 15 Es
 1750 WFSU 91.5 FL Tallahassee
 1757 WADZ 94.3 GA Americus
 1801 WJST 94.5 FL Port St. Joe
 16 Es
 1540 KOEM 88.3 TX Mesquite
 1550 ??? 94.5 TX? Z-Rock. Who?
 1557 KOJO 94.1 TX? (yes...Ft. Worth, ex-KESS -jf)
 1605 WRBH 88.3 LA New Orleans
 1613 WUAL 91.5 AL Tuscaloosa
 1615 KTXK 91.5 TX Texarkana
 1629 WEGS 91.7 FL Milton
 1658 WONO 89.9 LA New Orleans
 1702 WMEZ 94.1 FL Pensacola
 1705 WBSN 89.1 LA New Orleans
 16 Tr
 1730 WVPN 89.9 WV Wheeling
 1733 WZZM 107.5 WV Wheeling
 2116 WRRN 92.3 PA Warren
 20 Tr
 1902 WJET 102.3 PA McKean
 2022 WJNL 96.5 PA Johnstown
 2025 WFBG 98.1 PA Altoona
 2039 WHPA 104.9 PA Holidaysburg, 140 watts
 2052 WPXZ 105.5 PA Punxsutawney
 2101 WWOV 102.1 PA DuBois
 21 Tr
 0026 CJEZ 97.3 ON Toronto, new on air

-->--> CONTINUED -->-->

ROBERT ROSS's report (continued)

COMMENTS: (On June 29th): This was a massive 5 hour opening during which I logged 37 new stations. It started in Texas - went east to north Florida, then back to Texas again. Even went as far as eastern New Mexico for another new state. Even FMers in my own city got creamed!! This opening came after there had been no skip for 7 days. It sure made up for the previous week of no activity. (On July 20th): A nice trop opening into south/central PA. An area I have heard few stations from. Real nice signals, too!

SAUL CHERNOS - P.O. BOX 292 - PARIS, ON - NSL 362

From St. George, ON:

JANUARY 1987

11 Tr

2000 CIUT 89.5 ON Toronto

MARCH 1987

27 Tr

1825 CIDC 103.5 ON Orangeville

MAY 1987

21 Tr

2145 WKJC 104.7 MI Tawas City, "KJC-Country"

JUNE 1987

4 Es

1137 KSBj 88.1 TX Humble, g

1140 KJIC 89.3 TX Pasadena, g

1201 KPFT 90.1 TX Houston

1454 KLJC 88.5 MO Kansas City, g

4 Tr

1458 WQOD 93.3 OH Youngstown

14 Tr

1210 WJSL 90.3 MI Houghton, g

17 Es

1903 KRVS 88.7 LA Lafayette

1919 KQID 93.1 LA Alexandria

1920 KQIZ 93.1 TX Amarillo

20 Tr

2040 WGCT 90.7 NY Batavia, Rochester Red Wings BB, // to 90.1, 90.5

2212 WKAR 90.5 MI E. Lansing

2223 WBER 90.5 NY Henrietta (ex-WRHR)

21 Es

2000 KERA 90.1 TX Dallas, j

25 Es

1130 KERA 90.1 TX Dallas

1205 KGNZ 88.1 TX Abilene

1215 KKAJ 95.7 OK Ardmore

1230 KACU 89.7 TX Abilene

1240 KVRP 95.5 TX Haskell

1300 KNYD 90.5 OK Broken Arrow

25 Tr

1200 CFMU 93.3 ON Hamilton

1235 WQLX 98.9 ??? Phone #222-1600, r

29 Es

2000 KERA 90.1 TX Dallas

2017 KZEW 97.9 TX Dallas, "98-K-ZOO"

2026 KYKX 105.7 TX Longview, "KIX"

2038 KSLA 106.7 or 106.9 Country

2040 KAJN 102.9 LA Crowley, "CAJUN 103"

2045 KSMB 94.5 LA Lafayette

2053 KCIL 107.5 LA Houma

2101 WPCS 89.3 FL Pensacola

2117 WKNZ 101.7 MS Collins, "KNZ"

2118 WRBH 88.3 LA New Orleans

2127 WRNO 99.5 LA New Orleans

2130 KSMI 104.9 LA Donaldsonville

2131 KHOM 104.1 LA Houma

2132 WNOE 101.1 LA New Orleans

2135 WALK? 93.5 ?? unID ("93.5 WALK")

(WALK is alive and well, unfortunately, on 97.5 -jf)

2140 WRJM 105.7 AL Troy

2141 WIZD 104.1 AL Atmore, "WIZARD"

2156 KKIK 93.7 TX Lubbock, "KICK FM"

JUNE 29th Es (continued)

2158 KLLL 96.3 TX Lubbock, "TRIPLE L FM"

2159 KEBC 94.7 OK Oklahoma City

2201 KQTZ 105.9 OK Hobart, "KQ-106",
Tornado weather advisory

2204 KRLG 98.1 OK Lawton

2205 KMOD 97.5 OK Tulsa

2227 KSCS 96.3 TX Ft. Worth

2239 KUT 90.7 TX Austin

2240 KISR 94.7 or 94.9 ??? Calls for
certain (N.E. Texas area).

JULY 1987

1 Tr

2328 WEMU 89.1 MI Ypsilanti, j

2335 WSKG 89.3 NY Binghamton

7 Es

1900 KCRB 88.5 MN Bemidji

1901 WIRR 90.9 MN Virginia

1903 KNOX 94.7 ND Grand Forks, "POWER 95"

14 Es

1815 KSRZ 94.9 NE No. Platte

1825 KEXL 106.5 NE Norfolk

1828 KKAZ 100.7 WY Cheyenne

1855 KELN 97.1 NE No. Platte, "101 FM"

1858 KTCL 93.3 CO Ft. Collins

1904 WPRL 91.7 MS Lorma

1905 WMAU 88.9 MS Bude

16 Es

1305 KRVS 88.7 LA Lafayette

1327 KZZB 95.1 TX Beaumont, "B-95"

1357 WMAU 88.9 MS Bude, "PRM"

1437 WBSN 89.1 LA New Orleans

1510 WPCS 89.3 FL Pensacola, g

1602 KETR 88.9 TX Commerce

1603 WRBH 88.3 LA New Orleans, talk book.

1634 K--- 94.1 TX Dallas-Ft. Worth,

"V Lite KOTRA (?) 94" and location.

(You heard the new English speaking KOJO
which replaced Spanish KESS -jf)

1640 KSMB 94.5 LA Lafayette

1654 KILT 100.3 TX Houston

1700 WNJc 88.9 MS Senatobia

JULY 17 Es

1613 CKHJ 93.1 NB Fredericton, "KHJ", k

1614 CBAF-29 88.1 PEI Charlottetown,
FF CBC // 88.5

1614 CBAF-26 88.5 NB Moncton

1615 CBAF--- 101.1 ?? ? French CBC

1617 CBAF-FM 98.3 NB Moncton

1624 WHOU 100.1 ME Houlton

1626 --- 96.9 ?? "The New Magic 96",
mention of Cameron area.

1637 CB--- 91.7 ?? English weather CBC

St. Jean, Saguenay, Charlevoix, Natagam

1640 C--- 93.7 ?? French

1826 KHCC 90.1 KS Hutchinson

1902 CBNM 90.3 NF Marystown, NF weather

17 Tr

1700 WEKH 90.9 KY Hazard

1829 WOUc 89.1 OH Cambridge(WOUB/WOUc ID)

1830 WMKY 90.3 KY Morehead

-->--> CONTINUED -->-->

SAUL CHERNOS' report (continued)**JULY 17 Tr (continued)**

1845 WVBC 88.1 WV Bethany
 2325 CKO-1 106.9 ON Ottawa
 2330 WXXP 100.7 PA New Kensington
 2340 WIBM 94.1 MI Jackson
 18 Tr
 0010 WFUM 91.1 MI Flint (o/CJRT)
 0100 WVTF 89.1 VA Roanoke
 1445 WRJS 98.5 PA Oil City
 1640 WMZQ 98.7 DC Washington, k
 1655 WVPW 88.9 WV Buckhannon
 1700 WAIJ 90.3 MD Grantsville
 1700 WETA 90.9 DC Washington
 1717 WHFS 99.1 MD Annapolis, o/CKO-2
 1732 WLTT 94.7 MD Bethesda, "94-LITE"
 1808 WFBG 98.1 PA Altoona, "FM-98", o/CHFI
 1815 WHEEL 97.3 WV Wheeling, ex-WKWK,
 "EASY 97.3 WHEEL FM", o/CJEZ

22 Tr

0845 WAAL 99.1 NY Binghamton, "HOT FM"
 0930 WPHR 107.9 ?? "The all new Power 108" in
 "the 1st Bay City" (Hate to tell you this
 but it's only Cleveland with a new call -jf)

COMMENTS: A very good Es and Tr season as this report and my TV report show. All this and so little time to spend on it. My reporting job and other activities really eat into my DX time. The July 17-18 period was something else. Tr to KY and Es to NF, KS simultaneously. Yipes!! The July 18 mid-afternoon tropo peak was something else. Funny how it died by sunset, when one would expect things to pick up even more. Comments on individual loggings: On June 29, during Es, tornado reports for both PA and OK. Any connection? On July 17, I really missed the Canadian updates I'd compiled in earlier years. As far as I can tell, the 91.7 is Sherbrooke PQ and would be 460 miles; my shortest FM DX here and perhaps even anywhere! Also 1st time I've ever had northeast US on Es! And while I had VA on July 18, Mike Reid in Toronto had DX from IL! As I mail this, hot and humid and some minor UHF tropo. Hope it keeps up. Good job on the column, Joe! (Thank you -jf). 73's, Saul.

from Burnt River, ON

DECEMBER 29, 1986 Tr

2300 CIUT 89.5 ON Toronto, testing

JULY 4 Tr

2200 CJEZ 97.3 ON Toronto

2201 CIDC 103.5 ON Orangeville

from Toronto, ON

MARCH 28 Tr

1835 CIDC 103.5 ON Orangeville, "DC-103", mr

JUNE 5 Tr

0120 CJEZ 97.3 ON Toronto, b

KWCS

96.7 FM



P. O. Box 156 • Bridgeport, Texas 76026

JOEL ROSENBERG - 10 VANHORN COURT - THORNHILL, ON - L3T 5R1**APRIL 1987****27 GW**

2200 CJEZ 97.3 ON Toronto, new local testing
 (blank)

MAY 1987**11 GW**

1715 CJEZ 97.3 ON Toronto, new local on test
 programming, "EZ-97"

JUNE 1987**14 Es**

2030 unIDs to 100.3

15 Es

2000 unIDs on car radio! 88.5, 89.1, 89.9, 90.1
 90.7, 91.5, 92.5

2012 ZBM 89.1 BERMUDA Hamilton

2253 KOSU 91.7 OK Stillwater (back home)

2327 KOEZ 92.3 KS Newton

17 Es

1958 KUT 90.7 TX Austin

2000 KTXK 91.5 TX Texarkana

2000 KLSA 90.7 TX (Alexandria, LA -jf)

2025 KYKR 93.3 TX Port Arthur

20 Tr

1600 CB-- 90.3 ON ?? - CBC Southwestern ON

2335 WBER 90.5 NY ?? - // with WGMC

(Henrietta, NY -jf)

2335 WGMC 90.1 NY Greece

21 Tr

0003 WDWN 88.9 NY Auburn

29 Es

2022 KSMB 94.5 LA Lafayette, o/local WNED
 Buffalo

2025 KRRV 100.3 LA Alexandria

2028 KHOM 104.1 LA Houma, o/Bufalo local

JUNE 29 Es (continued)

2031 ---- 106.5 ?? unID, "Foxy"

2036 WYNK 101.5 LA Baton Rouge

2038 ---- 106.7 ?? unID, "Z-106"

2038 KCIL 107.5 ?? (Houma, LA -jf)

2038 ---- 105.1 ?? unID, "K-105"

2049 WZFL 104.9 MS Centreville

(note correct location -jf)

2051 ---- 99.5 ?? unID, "LA-99"

(KHLA Lake Charles -jf)

2058 KRMD 101.1 LA Shreveport

2100 WRBH 88.3 LA New Orleans

2101 WWNO 89.9 LA New Orleans

2102 WQST 92.5 MS Forest

2104 ---- 91.9 ?? unID, "Kingdom-92"

(Now that's original! -jf)

2110 KMML 98.7 TX Amarillo

2112 WRNO 99.5 LA New Orleans

2114 KYKS 105.1 TX Lufkin

2121 WNOE 101.1 LA New Orleans

2124 WYNK 101.5 LA Baton Rouge

2126 WBYU 95.7 LA New Orleans

2137 WAUE 93.3 LA New Orleans, "q-93"

2138 unID 93.7 ?? unID, "94-Q, ALL NEW Q"

2141 KZZO 107.5??(FM Atlas sez Clovis,NM-jf)

2200 WKGC 90.7 FL Panama City

2203 KACU 89.7 TX Abilene

2210 KSCS 96.3 TX Ft. Worth

2235 KLLS 100.3 TX San Antonio

2240 KERA 90.1 TX Dallas

2246 KIKK 95.7 TX Houston, "KIX 96"

-->--> CONTINUED -->-->

JOEL ROSENBERG's report (continued)

July 11 Tr

2200 WEMU 89.1 MI Ypsilanti
 2203 WKAR 90.5 MI E. Lansing, often in on troposcatter.
 2204 CB?? 90.3 ON Southern Ontario, mention of Essex and Kent County weather, fighting it out with WCPN Cleveland.

July 17 Es

1900 uniDs to 90.7

July 17 Tr

2048 ???? 93.7 unID, "All new 93.7, KICK-FM"
 2100 WNFA 88.3 MI Port Huron
 2120 CFMK 96.3 ON Kingston
 2135 ???? 90.7 OH "FM-91 Toledo"

COMMENTS: Haven't reported to this column for some time but have some interesting loggings recently. (Most are new but not indicated because I haven't updated log totals for some time).

JULY 18 Tr

TV opening out to Chicago
 0230 WCSX 94.7 MI Detroit
 0230 WOSE 94.5 OH Port Clinton
 0249 WCNY 91.3 NY Syracuse
 0249 WUOL 90.5 KY Louisville
 (Joel, I really can't make out you writing on this last time - hope I got it right.
 ALSO, welcome to the column! -jf)

KCKL 96.1 FM

"STEREO 95.9"

P.O. BOX 489
 MALAKOFF, TEXAS
 75148

DAVE NIEMAN - AKRON, NEW YORK - 14001-9529

Equipment: Tuner: Carver TX-11

Antenna: Channel Master 4408 at 25' AGL w/t RG-11 Lead-in

JULY 1987

3 Es
 2033 KNYD 90.5 OK Broken Arrow, call, g\$ 1036
 11 Es

2004 KKED 90.3 TX Corpus Christi
 \$, fund raising 1499
 2011 WHOD 104.9 AL Jackson, call +
 "COUNTRY 105" 951

16 Es
 1107 KROF 104.9 LA Abbeville, call, k\$ 1180
 1123 WBVM 90.5 FL Tampa, call, PSA, g\$ 1060
 1124 KNON 90.9 TX Dallas, call, j\$ 1239
 1142 KBIU 103.7 LA Lake Charles, call, r\$ 1202
 1145 KSBj 88.1 TX Humble, call, g\$ 1288
 1150 KLAw 101.5 OK Lawton,
 call + "K-LAW", k\$ 1215

1159 WRR 101.1 TX Dallas, ID (contest),
 c, \$ 1239
 1200 KL0L 101.1 TX Houston, ID, rp\$ 1312
 1250 KLSA 90.7 LA Alexandria, ID, c\$ 1113
 1331 KDKS 92.1 LA Benton, call, k 1036
 1355 KSLU 90.9 LA Hammond, r\$
 call + "SLU RADIO" 1089
 1430 WRBH 90.3 LA Baton Rouge, call, j\$ 1117

17 Es
 1700 CKRL 89.1 PQ Quebec, call, t\$,
 (shortest E-skip for me) 437

1730 CBTL 90.1 NF Millerton, t (CBC)
 "Newfoundland-Labrador Net" 1298

1741 CHOZ 94.7 NF St. John's,
 "OZ-FM", r\$, (ex. 93.9) 1482

1755 CBFA-29 105.9 NF St. John's,
 Call, FF, t 1482

1800 CBN 106.9 NF St. John's, ct\$ 1482
 1936 KRVN 93.1 NE Lexington, call, m\$ 1102
 2101 KCFR 90.1 CO Denver, ID, c\$ 1396

18 Tr

0712 WTCC 90.7 MA Springfield,
 ID, \$ (playing children's music) 301
 0733 WRUT 97.1 VT Rutland, rp\$,
 Call + "T-97" 274

20 Tr

0800 CKSB9 89.1 ON Fort Francis, call,
 FF, m.
 (Second most distant trop\$) 823

0810 WNMU 90.1 MI Marquette, call, nx\$ 504
 0816 WDOR 93.9 WI Sturgeon Bay,
 call, k\$ 459

0852 WKJF 92.9 MI Cadillac, "KJF", r\$
 over local WBUF 358

0900 KDAL 95.7 MN Duluth-Superior,
 rm\$, ID + "96-LITE-FM",
 interrupted music before the hour
 for a severe weather warning. 717

0903 CJSD 94.3 ON Thunder Bay, r\$,
 "94-FM" 640

0908 WYKX 104.7 MI Escanaba, call +
 "KIX COUNTRY", k\$ 467

21 Tr

0115 WCEM 106.3 MD Cambridge, ORIOLES BB,
 15 min. of ads then s/off 333

31 Es

2210 KUER 90.1 UT Salt Lake City,
 call 1708

2303 KILI 90.1 SD Porcupine, ID, r\$ 1182

Dave

**BOB SEYBOLD - 10567 BENNETT ROAD - DUNKIRK, NY**

Here is a brief report. Since I DX the TV more than FM, my reports will be shorter than most. The E-skip season has been very good here with a lot of E-skip on TV and more than average amount on FM. A lot of openings into Florida, Texas, and Kansas. My report:

JULY 15, 1987 Es 1000-1200 EDT

FL: WMCU-89.7 Miami; WYGC-100.9 Gainesville; WVFM-94.1 Lakeland; WHEW-101.9 Ft. Myers; WKZM-105.5 Sarasota; and WJNO-97.9 Palm Beach plus other Florida FMs. Also about 15 Texas FMs (did not keep log) plus about 7 Kansas FMs; 4 Oklahoma; 3 Nebraska; 2 South Dakota; 3 North Dakota.

JULY 16th

Another good E-skip opening - Florida, Oklahoma, Texas, Kansas. KOSA-91.1 Wichita; KBJC-91.9 Great Bend; KXXX-100.3 Colby, KS plus many others.

>--> CONTINUED >-->

BOB SEYBOLD's report (continued)

July 16th - Good tropo in the evening also! WBCL-90.3 Ft. Wayne plus number of other Indiana FMers.

July 20th - Unusual tropo opening to northern and central Michigan, northern Wisconsin, and Minnesota. Alpena-91.7; Gaylord-95.3 (new); Cadillac-92.9 and 96.7; Marquette-90.1; Ironwood 106.9 (new); Traverse City-101.9; Manistee-97.7 (new); Park Falls-96.3; Superior-91.3; Duluth-105.1 (new); Green Bay-91.5 and 101.1 plus many unIDs including several Canadians most likely in western Ontario. Excellent TV tropo opening at the time. Opening ran 0700-1100 EDT. Dave Nieman did well in this opening. That is it for now. Bob Seybold.

BILL NOLLMAN - BOX 184 - RFD #1 - BOZRAH, CT. - 06334 (203) 889-7039

Equipment: Carver TX-11A Tuner....Channel Master Stereo Probe 9 antenna...RG59-FOAM. Mounted 35 feet AAT.

JULY 1987**1 Tr and GW**

2145 WQTQ 89.9 CT Hartford, mono, s, "CUTE FM" 40

2208 WVIA 89.9 PA Scranton, very weak 180

2302 WRVO 89.9 NY Oswego, NPR, "FM90" 260

6 Tr

2147 WBEY 103.1 MD Grasonville "BAY COUNTRY", k 280

2241 WZZO 95.1 PA Bethlehem, very weak 210

8 Es

2014 KZKX 96.9 NE Seward/Lincoln "96KIX", NEW STATE 1300

2017 WOV 94.1 NE Omaha 1235

2034 unID 92.1 FL/GA Atlanta Braves BB, "serving NE FL and SE GA" (maybe WJXR Macclenny-Jacksonville? -jf)

2041 WLKC 93.5 GA St. Marys 945

2101 WRXK 96.1 FL Bonita Springs, "96 K-ROCK" 1220

13 SUPER COASTAL TROPS!

2124 WLTY 95.7 VA Norfolk, oldies 390

2124 WGHZ 97.3 VA Newport News, "97 STAR" still 390

2136 WSEA 93.5 DE Georgetown, ID as Double XTLR on 106.3, 1-800-247-HITS

2233 WAWZ 99.1 NJ Zarephath 140

2251 WHTG 106.3 NJ Eatontown, "FM 106-3" (strict) 1025

2252 WOFM 92.1 NC Moyoock, "MAGIC 92" 400

2303 WSCL 89.5 MD Salisbury (ST.COLLEGE) 295

also in WYFI-99.7; WCMS-100.5; WNVZ-104.5;

WDSD-94.7; WMYK-93.7; WOLC-102.5; WNWK-105.9;

WQHQ-104.7; WJLK-94.3; WF0G-92.9..bed at 1135PM

14 AMAZING Es

1625 WRJC 92.1 WI Mauston 910

1629 WILV 94.9 WI Baraboo, FULL SIG STR! 910

1636 WMGN 98.1 WI Madison, "MAGIC 98" 880

1637 WVXC 98.9 WI Tomah, (Relog of MS) 945

1639 WIBA 101.5 WI Madison, FULL SIG! 880

1640 KFIL 103.1 MN Preston, live broadcast in MONO. 1025

*******Es NEARLY GONE UNTIL.....**

1719 KOEL 92.3 IA Oelwein, "COUNTRY 92 FM" 1010

1723 KYYS 102.1 MO Kansas City 1190

1728 KBBG 88.1 IA Waterloo 1040

1730 WDZQ 95.1 IL Decatur 895

1734 WGHN 92.1 MI Grand Haven, NEW STATE!! 715

1737 KNJQ 93.5 IA Mason City, "93.5" 1075

1740 WQFM 93.3 WI Milwaukee, "93-QFM" 815

1742 WMLW 94.1 WI Watertown, "MELLOW 94" 845

1748 KKEZ 94.5 IA Ft. Dodge, STN. #500 1120

1753 KWAY 99.3 IA Waverly 1045

1757 WDMP 99.3 WI Dodgeville, "COUNTRY 99.3" 910

JULY 14 (continued)

1800 KFGQ 99.3 IA Boone 1115

1804 KZEV 103.1 IA Clear Lake, "ROCK 103" 1085

1808 KNEI 103.9 IA Waukon 990

1812 KLYV 105.3 IA Dubuque, "K-LIVE 105" 960

1821 KMYZ 104.5 OK Pryor, "TULSA's NEW Z-104.5" 1300

1823 KATZ 100.3 MO St. Louis (Alton, IL? -jf) 975

1825 KJMO 100.1 MO Jefferson City 1075

1827 KYOO 96.7 MO Bolivar 1140

1831 KTXV 106.9 MO Jefferson City, "POWER 107" 1075

1833 unID 106.5 "HITS 106" 1075

1841 KZSN 102.1 KS Hutchinson, "KISSIN FM-102" 1380

1845 unID 102.5 Traffic report, McCulvey EXPR/Vanvetter/Kings HWY.

1847 KLKC 93.5 KS Parsons, MONO 1265

1853 WRXK 95.3 IL Ottawa 860

1856 KQWK 96.9 KS Pittsburg 1235

1856 KLTH 97.1 MO Florrisant, "K-LITE FM 97" 975

1904 KKUZ 102.5 MO Joplin, "Z-103" 1235

2137 KEMM 92.1 TX Commerce, v. weak 1425

14 Tr

2202 WDLA 92.1 NY Walton, clear ch...vvv.wk.. 160

15 Es

1759 KEZQ 100.3 AR Jacksonville 1190

1800 KHLT 94.1 AR Little Rock, "K-LITE 94" 1200

1805 KTMO 98.9 MO Kennett 1035

1808 KRWA 103.1 AR Waldron, Arkansas Radio Net. 1290

1810 KBSS 92.1 AR Booneville, "K-92" 1270

16 Tr

1923 WMZQ 98.7 DC Washington, FIRST DC!! 320

17 Es

1833 CBTB 97.1 NF Baie Verte, "CBC" mono, NEW PROVINCE! 965

1842 CHOS 95.9 NF Rattling Brook 950

??PM WCTQ 92.1 FL Venice/Sarasota 1170

17 Tr

2034 COFM 99.7 PQ ? near Montreal, FF (see COOPER's report -jf)

18 Tr

0328 WSHH 99.7 PA Pittsburgh, "99-7 WISH-FM", FINALLY!! 385

0430 unID 92.1 "It's POWER HITS for you on POWER 92". v.wk. (Could be WMJW Nanticoke, PA -jf)

BILL MOLLMAN's report (continued)

JULY 19 ??

1709 unID 92.1 Hi-V and Love Tire Shop
in Cherokee...another unID heard at 1740,
calls were Q-Rock, poss. same station?
(Don't think so as first was probably KCHE
Cherokee, IA, ex-102.3 -jf)

19 Tr

2241 WLAN 96.9 PA Lancaster, spot for
Lancaster during Rockin America
Countdown, "FM97" 245

23 Tr

2007 RNI 103.1 INT'L WATERS. Your guess
is a good as mine (maybe better) (RNI is
Radio New York International - see my
comments below -jf)

2018 WBAB 102.3 NY Babylon, FINALLY!
Barely o/WORQ 85

JULY 27 Es

1742 WMBC 103.1 MS Columbus,
"MAGIC 103.1" 1060
1744 WHKW 98.1 AL Fayette,
Topeka "SUPER K98" 1025
1748 WIBW 97.3 KS Topeka 1245
1755 KLDN 92.7 MO Eldon 1105
1800 KMFC 92.1 MO Centralia 1050
1802 WSSR 91.9 IL Springfield, "NPR",
just got ID! 925

28 Tr

2047 WUPE 95.9 MA Pittsfield, fading in
and out w/other stations all night..
got ID by commercial 90

30 Es

1510 WTBX 93.9 MN Hibbing, strong! 1105

30 GW

2126 WOTB 100.3 RI Middletown
(Bye bye HEB-FM!) 45

COMMENTS: WOTB-100.3 is very strong with Probe 9 aimed at them (better than their old 107.1).
Any other direction easy to null...WHTZ not bothered....

What an interesting month!! The 1st was easy, just set the Carver on 89.9 and it did the
rest of the work. Interesting what you can hear on a clear channel given the time!! Finally
heard Nebraska on the 8th, opening ending in deep Florida with WRXK crystal clear. Great
coastal tropo on the 13th with hardly a clear frequency with strong signals on all. Went to
bed at 2335 with all N'folks near full scale....And if that wasn't enough the best Es I've
ever seen the next day. About 2PM that afternoon TV Es to northern FL so strong it seemed
like TROPS!! with steady signal...no fading...for 5-10 minutes at a time. This lasted to
424PM when suddenly Wisconsin flooded the FM band with full signal strength on many stns!
This died abruptly about 445PM and then exploded into an IOWA fiasco at 520PM...more new
states...Michigan.

The DC reception of the 16th was strange...WRKS-98.7 in NYC was in at usual strength
(good semi-local) when it suddenly seemed to not exist AT ALL and in came an ID from WMZQ in
DC!!! It lasted no more than 3 seconds!

Missed most of the super Es to NF so I won't even bother to comment.

On the 30th Es on TV all day, no FM until WTBX....only station heard?!! weird!! Thats
bout it for this month. Let's hope for a super month of Es for August (Can't hurt to hope...)

BOB ZENT - 1835 FRUIT STREET - HUNTINGDON, IN. - 46750

JULY 1987

1418 KLOL 101.1 TX Houston, call letters 960
1422 KDUV 97.7 TX Kingsville, local ad 1190
1430 KQXT 101.9 TX San Antonio, call 1100
1432 KOYE 94.9 TX Laredo, ID 1240
1434 KLBJ 93.7 TX Austin, ID 1025
1437 KSMG 105.3 TX Seguin, promo 1080
1444 KLLS 100.3 TX San Antonio, call 1100
1456 CKHJ 93.1 NB Fredericton, k
"FM-93 KHJ" 975
1501 WPBC 92.9 ME Bangor, call 860
1501 WEZF 92.9 VT Burlington, ID 660
1505 WCXU 97.7 ME Caribou, local nx, ID 925
1509 CBA 95.5 NB Moncton,
NB regional weather 1070

19 Es

1023 WJIS 88.1 FL Bradenton, promo
with call letters 950

26 Tr

2302 WLWU 88.7 IL Chicago, ID
(rarely heard here) 130
2309 WDCB 90.9 IL Glen Ellyn, ID
(rare) 150

27 Tr

0130 WHME 103.1 IN South Bend,
Through Local WIOK-103.1. Very intense
tropo from Chicago-Milwaukee area and
NW IN. 65

0700 WGNV 88.5 WI Milladore, g, ID 325

28 Tr

0130 W216?? 91.1 IN Valparaiso, g
Translator of WMBI-90.1 Chicago 90

COMMENTS: I'm going to count that last one
because I clearly heard WMBI's ID and that
is WMBI's only translator on that channel.

I think I missed one of the best Es openings
of the summer the evening of the June 29. Ralph Strobel tells me he logged 30+ new stations
in about a four hour period. Too bad I had to go to work that evening... Anyhow we should be
seeing some good Fall trop before long. At least that's what's supposed to happen in this
part of the country. Hope everyone had a nice summer. 73's Bob.

MORE ODDS AND ENDS: "Radio New York International" (RNI) operated on 103.1 for four days in
July (23, 24, 26, and 27). They were 4.6 miles off Long Beach, LI. Although they operated
well below their potential power, they apparently got out as far as 100 miles (they had a
5,000 watt transmitter for their 1620 AM, but apparently it was also operated well below its
potential). The FCC eventually raided the ship and "fine tuned" the transmitters
(which included using saws on the coax). As a jurisdictional question is involved here and
there was no apparent court order to destroy equipment, I wonder about the legality or
justification of that move. If anyone wants a cassette of RNI, send \$2 to cover the cost of
the tape and postage. I might even include some of the Brooklyn pirates on the tape IF you
don't mind "adult" language! Any inquiries should comment on that, and they come to me - NOT
club HQ! -jf.

BOB SMOLAREK - RD #1 - BOX 63 - WHITEHOUSE STATION, NJ - 08889

Equipment - Carver TX-11 tuner, Channel Master Stereo Probe 9 antenna

JUNE 1987

19 Tr

0655 WKHK 95.3 VA Colonial Heights, k
 0700 WMJS 92.7 MD Prince Frederick, r

JULY 1987

4 Tr

WKDN-106.9 Off -

2245 WPCX 106.9 NY Auburn, k

2300 WSKX 106.9 VA Suffolk, k

2320 WARX 106.9 MD Hagerstown

6 Tr

2220 WVBX 100.1 NC Edenton, sg

All the usual Norfolks in strong

7 Es

1818 KDCR 88.5 IA Sioux Center, news and

long weather report

1833 KAXE 91.7 MN Grand Rapids

1834 WGM0 95.3 WI Shell Lake, g

1835 WDAY 93.7 ND Fargo, r, "Y-94" and

"FARGO'S HIT MUSIC LEADER 1197

1840 WYRQ 92.1 MN Little Falls

1845 KDSU 91.9 ND Fargo 1197

1855 KQRS 94.9 MN Duluth 963

14 Es

1745 KTTN 92.1 MO Trenton

1758 WKKM 92.1 MI Harrison, k

1800 WCMF 92.1 WI Pine City

1806 KCTT 97.7 AR Yellville

1810 KISR 93.7 AR Fort Smith, r

"KISR HOT HIT RADIO" 1121

1817-KCPW 94.9 MO Kansas City, r

"POWER 95" 1056

1820 KYYS 102.1 MO Kansas City, rp 1056

1825 KZZC 98.9 KS Leavenworth, r oldies

1830 KMBR 99.7 MO Kansas City, b 1056

"FM 100 THE EASY MUSIC" 816

1832 WYMG 100.5 IL Jacksonville, r

1835 KLSI 93.3 MO Kansas City, r, 1056

"CLASSY"

1837 KCAC 107.3 MO Lexington, r

1838 KMAJ 107.7 KS Topeka,

"MAGIC 108 - THE MAGIC OF TOPEKA" 1117

1839 KLTY 106.5 MO Liberty,

"K-LITE - 106 POINT 5"

1840 KRES 104.7 MO Moberly, k

1850 KUDL 98.1 KS Kansas City, r 1056

1900 KNID 96.9 OK Enid, k

1901 KMFC 92.1 MO Centralia, g

1908 WBBA 97.7 IL Pittsfield, r

1909 KZBK 97.7 MO Brookfield,

small town hospital report

1910 KCBW 92.1 MO Sedalia, r, "B-92"

2050 KKBL 95.9 MO Monett, r, "96-FM"

2054 KBXR 97.3 OK Weatherford

2100 KCFO 98.5 OK Tulsa, g

2102 KCMA 92.1 OK Broken Arrow, c,

"TULSA'S FINE ARTS STATION"

2133 KARQ 92.1 AR Ashdown

2135 KATT 100.5 OK Oklahoma City, "THE CAT", rp

JULY 15 Es

1743 KXLS 99.7 OK Alva, r,

"THE CLASS OF OKLAHOMA"

1747 WBLE 95.9 MS Batesville

1800 KABK 97.7 AR Augusta-Bald Knob, k

1806 KBSS 92.1 AR Booneville, "K-92"

? KDYN 96.7 AR Ozark

16 Es

1700 KSBJ 88.1 TX Humble, g,

"JESUS FOR THE GREATER HOUSTON AREA"

17 Es

1716 CBON-22 93.7 ON Geraldton, in French

1740 CBNM 90.3 NF Marystown, CBC English

1745 CJOZ 92.1 NF Bonavista, rp, OZ net.

1747 CBTR 92.9 NF Roddickton

1748 CBGC 92.5 NF Carmanville

1750 CBTI 90.1 NF Millertown

1752 CBNC 88.7 NF Stephenville

1755 CIO5 98.5 NF Stephenville, rp, OZ net

1800 CFCV 97.7 NF St. Andrews, r,

relaying CFCB-570 AM in Corner Brook.

73 WATTS

1804 CBAF-16 94.3 NF Port-aux-Port, in FF

1810 CBNQ 95.3 NF Trespassey

1813 CKOZ 92.3 NF Corner Brook, rp, OZ

1820 CHOS 95.9 NF Rattling Brook, rp, OZ

1851 WDAY 93.7 ND Fargo, r, "Y-94"

1900 WRLS 92.1 WI Hayward

1930 KOWO 92.1 MN Waseca

23 Tr

2200 WOMR 91.9 MA Provincetown, in strong

2230 WOCB 94.9 MA West Yarmouth, ex-WJFK,

talknet

2235 WSFL 106.5 NC New Bern, r

2240 WRSF 105.7 NC Columbia, r, ex-WWOK

now "SURF 106"

COMMENTS: This has been a fantastic Summer for skip, especially June to mid-July. Many openings to Oklahoma, Iowa, Minnesota. Very few Florida openings. The July 17 opening to Newfoundland was a classic. I hope August brings some more skip. I haven't had my fill yet.



122 S.W. FOURTH ST. • Rochester, MN 55902

GEORGE B. SHERMAN - BOX 3164 - BURNSVILLE, MN. - 55337

Equipment: McIntosh MR-78 tuner, Rabbit Ears

JUNE 1987

5 Es

1155 KOMP 92.3 NV Las Vegas

1623 WJFD 97.3 MA New Bedford

1627 WEVO 89.1 NH Concord

JUNE 10 Es

1845 KJEF 92.7 LA Jennings

1900 WMFE 90.7 FL Orlando

1910 WRMF 97.9 FL W. Palm Beach

15 Tr

0340 KQHT 96.1 MN Crookston

->->-> CONTINUED ->->->

GEORGE SHERMAN's report (continued)

JUNE 19 Es
 1728 KLSA 90.7 LA Alexandria
 29 Es
 1920 WAKH 105.7 MS McComb
 1925 WELE 105.9 FL DeLand
 1930 WFVY 104.5 FL Atlanta Beach
 2000 KENW 89.5 NM Portales
 2006 KPVI 93.5 LA Ville Platte
 2024 KGEA 99.9 TX Monahans
 2028 KPSM 99.3 TX Brownwood
 2033 KPYN 99.3 TX Atlanta
 2035 KSER 99.3 AR Searcy
 2040 KTXU 99.3 TX Paris
 2123 KAFX 95.5 TX Diboll
 2130 KKBQ 92.9 TX Pasadena
 2150 WJMI 99.7 MS Jackson
 2210 WAJY 101.9 LA New Orleans
 2220 WZIX 100.1 MS Artesia
 2227 WTKX 101.5 FL Pensacola
 2230 WOWW 107.3 FL Pensacola
 2300 WTYL 97.7 MS Tylertown
 JULY 1987
 7 Es
 1843 WFCC 107.5 MA Chatham
 1845 WAAF 107.3 MA Worcester
 1855 WFLY 92.3 NY Troy
 1859 WMAS 94.7 MA Springfield
 1906 WHGC 94.3 VT Bennington
 8 Tr
 0220 KZEN 100.3 NE Central City
 14 Es
 1759 WAKS 103.9 NC Fuquay
 1800 WNCN 104.3 NY New York City
 1800 WNAA 90.1 NC Greensboro
 1810 WVLK 92.9 KY Lexington
 1815 WKSL 94.3 PA Greencastle
 1841 WCOZ 96.7 KY Paris
 1900 WWHG 96.1 VA Cape Charles, "WAVE 96",
 Virginia Beach. (Right slogan - wrong call.
 It's WIAV. I believe they have now teamed
 up with WVAB-1550 Virginia Beach also. -jf)
 2143 WMTZ 94.3 GA Martinez

COMMENTS: Left out were relogs and stations where I didn't know date and/or time I heard them.
 These Es loggings were my first on the MR-78. I've passed 1100 heard and NV was State #45.
 No Es since weather cooled off. (Ah...a name from the past, namely from my AM DXing days!
 Welcome to the column, George, and we certainly hope you'll report again!! -jf)

GREG CONIGLIO - 5100 GLENWOOD DRIVE - WILLIAMSVILLE, NY - 14221

Equipment: same as last month.

JUNE 1987
 29 Tr
 0030 WAMot 105.9 PA Pittsburgh, s, u/CBCO
 0149 WMRV 105.7 NY Endicott, m ID
 JULY 1987
 1 Tr
 1700 WAER 88.3 NY Syracuse, j 131
 1756 WRQC 92.5 OH Cleveland Heights,
 r, "92-q" 189
 1806 CK01 106.9 ON Ottawa, nx 230
 1809 WCPN 90.3 OH Cleveland, wx 189
 1958 CKNX 101.7 ON Wingham, r, \$, o/WBTF 148
 2000 {WZSH} 95.1 NY So. Bristol, b,
 "WISH 95", dual ID w/Rochester, ex-WYLF 65
 2 Tr
 0000 {WBER} 90.5 NY Henrietta, s/off,
 ex-WRRH 60

JULY 16 Tr

0915 KVGB 104.3 KS Great Bend (o/500 mi.)
 17 Es
 1754 WAYU 93.9 ME Lewiston, "CLASSIC HITS"
 1824 KTFA 92.1 TX Groves, g, ID
 1828 KNAU 88.7 AZ Flagstaff, c, ID
 1940 KKNY 104.5 TX Orange
 2002 KIVY 92.7 TX Crockett
 2020 WFMH 101.1 AL Cullman
 2025 WTUN 100.1 AL Selma
 2041 WJAD 97.3 GA Bainbridge
 2052 KSOS 106.9 UT Brigham City,
 5 City ID
 2103 XHJD 98.9 NL Monterrey, SS
 2125 KQFC 97.9 ID Boise
 19 Tr
 1352 KBYZ 96.5 ND Bismarck
 1430 KQDJ 95.5 ND Jamestown
 1500 KCND 90.5 ND Bismarck
 1520 KSQY 95.1 SD Deadwood, "K-SKY", 500 mi
 1930 KDDR 92.3 ND Oakes
 22 Es
 2150 KSAQ 96.1 TX San Antonio, "SUPER Q"
 31 Es
 2000 KJZZ 91.5 AZ Phoenix
 2200 KSPZ 92.9 CO Colorado Springs
 2225 KSOJ 93.9 AZ Flagstaff

AUGUST 1987

1 Tr
 0145 KVRF 102.3 SD Vermillion, "FM-102"
 0207 KGKG 94.3 SD Brookings, "ROCK 94"
 1 Es
 1155 KIZN 93.1 ID New Plymouth, "Kizzin"
 2 Es
 1800 WYFS 89.5 GA Savannah
 1900 KIJN 92.3 TX Farwell
 2359 WESM 91.3 MD Princess Anne,
 "Where Everything Sounds Marvelous"

WVWC FM

KNOX COLLEGE
 GALESBURG, ILLINOIS 61401

JULY 7 Es

1631 KRRV 100.3 LA Alexandria, k,
 "K-double-R-V" 1118
 1632 KQID 93.1 LA Alexandria, r,
 "93-QID" 1118
 1658 WMFE 90.7 FL Orlando, nx 1000
 1700 KZNA 90.5 KS Hay City, relays
 KANZ Garden City
 1700 WSFP 90.1 FL Ft. Myers
 1702 KABF 88.3 AR Little Rock,
 new state!! 1129
 1837 KIOV 104.7 SD Sioux Falls, ID 897
 1840 KLQL 101.1 MN Luverne, k, "K-101" 865
 1842 KTCH 104.9 NE Wayne, ads 925
 1853 KLTA 105.1 MN Breckenridge,
 rm, "LITE ROCK 105" 930
 1855 unID 92.5 with rp. Does this fit KQRS?
 (It fits - but are there other possibles
 it also fits? -jf)
 1859 unID 100.3 with g, WCTS? (ditto -jf)
 ->->-> CONTINUED ->->->

GREG CONIGLIO's report (continued)

JULY 7 Es continued...

1900 KBWS	102.9	SD	Sisseton, ID	940
1901 KIKV	100.7	MN	Alexandria, nx	833
11 Tr				
0049 WCLV	95.5	OH	Cleveland, c	189
12 Tr				
1903 WUOM	91.7	MI	Ann Arbor, c, ID w/WVGR Grand Rapids (104.1) and WFUM Flint (91.1)	273
14 Es				
1730 KGGG	100.3	SD	Rapid City, r, "HIT FM 100" (strict), many Black Hills mentions.	1228
1744 KLIR	101.1	NE	Columbus, ID	985
1751 KNNG	104.7	CO	Sterling, ID	1260
1754 KZEN	100.3	NE	Central City, k, "KZ-100"	1020
1755 KTAP	103.9	NE	Crete, k, many Lincoln ments.	971
1757 KKAZ	100.7	WY	Cheyenne, r, "CHEYENNE'S #101"	1351
1759 KRQU	102.9	WY	Laramie, rp, "TOP OF THE ROCK"	1400
1804 WFFX	95.7	AL	Tuscaloosa, r, "FOX 96 FM"	806
1809 KSRZ	94.9	NE	No. Platte, ads	1133
1815 WBYU	95.7	LA	New Orleans, b	1098
1816 WJMG	92.1	MS	Hattiesburg, r	985
1817 WNDK	95.1	AL	Huntsville, ID	706
1820 unID	106.1	w/	mentions of "Twin Cities" (it could've been 105.9)	
1822 KTCH	104.9	NE	Wayne, talk	925
1823 WNSL	100.3	MS	Laurel, ads	983
1829 KUBS	100.1	LA	Bastrop, rp, "KJ-100"	1035
1831 KDEW	96.7	AR	Dewitt, sounded mono, ID	880
1836 KNOE	101.9	LA	Monroe, r	1041
1838 WSWG	99.1	MS	Greenwood, rs	921
1842 KNAN	106.1	LA	Monroe, r	1041
1843 KHFO	98.1	AR	Osceola, rp, "98 ROCK" ments. of Arkansas and Memphis, o/CHFI	770
1844 WGKX	105.9	TN	Memphis, k, "KIX-106"	802
1844 KRNB	101.1	TN	Memphis, s	802
1845 WRJxt	103.1	TN	Jackson, rp	734
1845 WVRyt	104.9	TN	Waverly, k, ads ment. Route 20 in Dickson	675
1846 KEZV	101.1	SD	Spearfish, b	1250
1848 KFXE	92.3	AR	Pine Bluff, k, "FOXY 92"	935
1851 KADL	94.9	AR	Pine Bluff, r, "EZ-95" Little Rock ments., way o/Local CKQT (No doubt you heard them but they are now KZLR with a strict KZ-95 non-ID -jif)	935
1854 KVKI	96.5	LA	Shreveport, r	1090
1855 KTCL	93.3	CO	Ft. Collins, ads	1380
1656 KWKH	94.5	LA	Shreveport, k, o/Local 105 kw. WNED! "94 COUNTRY" + calls	1090
1900 KDKS	92.1	LA	Benton, s, ID: "Benton-Shreveport-Bossier"	1085
KAQA	105.9	NE	Alliance, k	1241
1937 KCND	90.5	ND	Bismarck, ND wx	1109
2050 Shreveport:			KVKI-96.5 and KRMD-101.1	
2100 KMSL	100.1	AR	Stamps, k, ID: Stamps-Magnolia-Lewisville	1010
2101 KLSA	90.7	LA	Alexandria, ID	1118
2110 KIKK	95.7	TX	Houston, k, "KICK"	1311
2118 KZPS	92.5	TX	Dallas, rp, "CLASSIC HITS 92.5"	1224

JULY 14 Es continued...

2130 WLIN	95.5	MS	Jackson, ID	978
2135 WQXY	100.7	LA	Baton Rouge, r	1113
2137 KQID	93.1	LA	Alexandria, r, "93QID"	1118
2140 KYKR	93.3	TX	Port Arthur, k, "COUNTRY KICKER"	1221
2141 KAFX	95.5	TX	Diboll, r, "K-FOX-95"	1188
15 Es				
1800 WBSN	89.1	LA	New Orleans, g	1098
1801 WWNO	89.9	LA	New Orleans, area traffic	1098
1805 WMJJ	96.5	AL	Birmingham, r, "MAGIC 96"	787
1806 WBHMt	90.3	AL	Birmingham, NPR nx	787
1808 WUWft	88.1	FL	Pensacola, NPR nx	983
16 Es				
1052 Jackson, MS:			WYYN-96.3, WLIN-95.5, and WTYX-94.7	
1105 unID	92.1,		"B-92"	
1111 KROF	104.9	LA	Abbeville, many Abbeville ments., jingle, k, new calls? (yep, and it was KROF once before, too -jif)	1180
1112 WPDS	93.3	FL	Tampa, m, "PARADISE 93.3"	1047
1113 KBTS	93.3	TX	Killeen, r, "AUSTIN'S B-93"	1310
1115 WNLT	95.7	FL	Clearwater, wx 4cast for area	1045
1126 KMEZ	100.3	TX	Dallas, b	1224
1134 KTLS	93.3	OK	Ada, r	1128
1137 KZZB	95.1	TX	Beaumont, r, "B-95"	1216
1142 KRPT	103.7	OK	Anadarko, ads	1204
1152 KLAU	101.5	OK	Lawton, k, "K-LAW 101"	1234
1200 KLLO	101.1	TX	Houston, rp, legal ID	1311
1211 KMKS	92.1	TX	Bay City, r	1375
1303 KLSA	90.7	LA	Alexandria, c	1118
1313 KECO	96.5	OK	Elk City, k, wx	1240
1337 KETxt	92.1	TX	Livingston, k, ID "KTX", this seems to fit, sounded mono.	1200
1345 KNYD	90.5	OK	Broken Arrow, talk show	1015
1346 KERA	90.1	TX	Dallas, stn. promo	1224
1354 KDKS	92.1	AR	Benton, ads	1085
1407 WBRH	90.3	LA	Baton Rouge, area ments.	1113
1414 WPRL	91.7	MS	Lorman, ID then jazz	1029
1423 WCKW	92.3	LA	La Place, pr	1105
1504 WRKft	89.3	LA	Baton Rouge, c	1113
1526 WQUE	93.3	LA	New Orleans, rs, "q-93"	1098
1600 KKNG	92.5	OK	Oklahoma City, b, wx, "EASY 92"	1124
1602 KCSC	90.1	OK	Edmund, c, legal ID w/OKC	1129
1606 KOSut	91.7	OK	Stillwater, c	1060
1659 KLRE	90.5	AR	Little Rock, AR ments., legal ID	932
16 Tr				
1701 WKAR	90.5	MI	E.Lansing, loud w/nx, ID, AM 870 mention	290

->->-> CONTINUED ->->->

GREG CONIGLIO's report (continued)

JULY 17 Es

1610	CBHA	90.5	NS	Halifax, CBC nx, 1st Canadian Es, Atlantic Time check	758
1615	CBGA-17	89.3	PQ	Gaspé, FF mono	803
1615	CBMC	92.3	PQ	Thetford Mines, EE CBC, this is the only one that fits. Very close Es.	420
1630	CBV-8	90.1	PQ	Thetford Mines, FF mono	420
1645	CBFA-23	91.5	NB	Campbellton, CBC FF mono	673
1700	CKRL	89.1	PQ	Quebec, p, FF, ID	450
1707	CJMF	93.3	PQ	Quebec, p, sounded FF	450
1730	CBTL	90.1	NF	Millertown, CBC EE	1180
1731	CBGC	92.5	NF	Carmantville, CBC EE	1300
1735	CBNM	90.3	NF	Marystown, CBC EE	1150
1745	CFOZ	100.3	NF	Argentina, rp, Newfoundland Time check	1245
1745	VOCH	97.5	NF	St. John's, r, "VO-FM"	1292
1748	CBN	106.9	NF	St. John's, CBC talk, in \$	1292
1748	CBFA-20	105.9	NF	St. John's, FF mono	1292
1750	CKIXt	99.1	NF	St. John's, k, CKO-3 nulled	1292
1756	KQLS	100.3	KS	Colby, r	1203
1800	KNGM	91.9	KS	Emporia	
1811	CJOZ	94.7	NF	St. John's, rp, probably // to CFOZ	1292
1817	KHOK	100.7	KS	Hoisington, ID, u/CHIN	1090
1823	KQDJ	95.5	ND	Jamestown, k, "J-COUNTRY"	1040
1824	CBNrt	95.5	NF	Rames, CBC mono	1085
1830	KGLS	93.1	KS	Pratt, k, "LS Radio"	1100
1937	KGBI	100.7	NE	Omaha, g	894
1944	KIWR	89.7	IA	Council Bluff, c	885
1948	WOW	94.1	NE	Omaha, k, CBL nulled	894
2000	KACV	89.9	TX	Amarillo, p, Amarillo mention	1343
2035	KWKR	99.9	KS	Leoti, briefly up o/CKFM (GW) and WOKW (Tr) w/mention of tornado in Scott City area	1250

17 Tr

2100	WUNY	89.5	NY	Utica, c, o/CIUT, ID w/WCNY-91.3 and WJNY-90.9	190
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18 Tr

1017	WHOT	101.1	OH	Youngstown, r, "HOT FM-101", o/CHEQ	164
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20 Tr

1512	WCPN	90.3	OH	Cleveland, excellent	187
1515	WRQC	92.5	OH	Cleveland Hts. o/WRRN	187
1518	WPHR	107.9	OH	Cleveland, rs, "POWER 108", o/CING in mess from WBYP	187
1522	WMJI	105.7	OH	Cleveland, rm, "MAGIC" o/local CHRE	187
1524	WMMS	100.7	OH	Cleveland, rp, CHIN nulled	187
1526	WCLV	95.5	OH	Cleveland, c	187
1548	WCOJ	105.5	OH	Conneaut, g	140
1550	WDOK	102.1	OH	Cleveland, m, o/CFNY	187
1600	WHYP	100.9	PA	North East, k, ID w/Erie, mono	75
1602	WIOT	104.7	OH	Toledo, rp, legal ID	255
1610	WCVJ	90.9	OH	Jefferson, talk	125
1612	WSEKt	106.9	OH	Canton, rp	196
1850	WZLE	104.9	OH	Lorain, g	195
1944	WYFM	102.9	PA	Sharon, rm, "Y-103" ID w/Youngstown, o/CKLH	157
1955	WKBN	98.9	OH	Youngstown, b, "EASY 99"	164
1955	WDJQ	92.5	OH	Alliance, r, ID, Canton mentions	181
2100	WHCU	97.3	NY	Ithaca, legal ID, o/CJEZ	120

JULY 21 Tr

0130	unID	101.3	open carrier (in stereo). Does WGBI sign-off and leave the carrier on like this? (Believe WGBI is NSP - I haven't noted them off in many years -jf)	
0149	WDET	101.9	MI Detroit, j	232
0740	WCZR	107.3	OH Elyria, p, ads, "Z-ROCK"	191

27 Tr

0000	WHYT	96.3	MI	Detroit, rs, "POWER 96", other Detroit's in.	232
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29 Es

2130	KJOL?	90.3	CO	Grand Junction, area ments. Can Es go that far? (yes -jf)	1571
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31 Tr

2100	WPHN	90.5	MI	Gaylord, "NORTHERN CHRISTIAN RADIO" so assumed g	330
2108	WQLZ	105.1	MI	Cheboygan, r, 2nd furthest tropo	336

AUGUST 1987

1 Tr and Es

1130	WERGT	89.9	PA	Erie, r, u/WRVO	90
1200	WDUQ	90.5	PA	Pittsburgh, NPR, legal ID	183
1245	KWFC	89.1	MO	Springfield, g, legal ID, wx	851
1254	KOBC	90.7	MO	Joplin, g, wx, "FM-91"	929
1700	CBHA	90.5	NS	Halifax, CBC	758
2 Es					
1737	KZBX	104.9	OK	McAlester, ads, ID, r, "ALL HIT RADIO"	1050
1746	KMCO	101.3	OK	McAlester, ads, k, 1st Es to top WEZO in awhile	1050
1756	KLTE	101.9	OK	Oklahoma City, oldies	1124
1816	KVSV	105.5	KS	Beloit, KS state nx, and mention of record high in Concordia, which is a few miles away from Beloit	1030
1821	KLSI	93.3	MO	Kansas City, r, ID	870
1823	KMZU	101.1	MO	Carrollton, wx, k	810
1824	KICT	95.1	KS	Wichita, p	1051
1826	KCPW	94.9	MO	Kansas City, r, "POWER 95"	870
1830	KHUM	95.7	KS	Ottawa, b, wx, calls + "96-HUM-FM"	890
1843	KQMA	92.5	KS	Phillipsburg, Rick Dees Weekly Top 40, r, "MID-AMERICA's Q-93"	1100
1858	KQLS	100.3	KS	Colby, r, ID, sounded mono	1203
1903	KRGI	96.5	NE	Grand Island, wx, k, "ALL HIT COUNTRY 96"	1046
1907	KROA	95.7	NE	Grand Island, news	1046
2100	WSIU	91.9	IL	Carbondale, legal ID	646
3 Es					
0138	KPLO	94.5	SD	Reliance, k\$, wx ID: The Stereo Stations, KDLO-FM / KPLO-FM	1048
4 Tr					
1040	CKO1	106.9	ON	Ottawa, CKO nx, \$	226
1046	CHEZ	106.1	ON	Ottawa, rp\$, "SHAY 106"	226
1047	CKBY	105.3	ON	Ottawa, k	226
1050	CHEQ	101.1	ON	Smith's Falls, q-101	200
1052	CIMF	94.9	PQ	Hull, mb, ID in FF, way o/CKQT and in \$, 1st PQ on Tr	226
1100	WAMC	90.3	NY	Albany, legal ID	239

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GREG CONIGLIO's report (continued)

AUGUST 5 Tr

0840 CBF9t 91.9 PQ Mont-Laurier, FF, Was this if CFRC isn't FF. Anybody know? (CFRC is a college station, and supposed to be moving to 101.9 -jf) 289

COMMENTS: July was a pretty good month for FM DX with a good mix of Es and Tr. New Loggings were slightly down from the amazing month of June (137 in June, 121 in July). So far (as of the 4th) August looks good for Tr and fair for Es (The Es season is really over - you may see an occasional opening in coming months - but don't count on it! -jf). 73s and Super DX, Greg.

KURT RICHARDSON - 23 BEVELL LANE - N. SYRACUSE, NY - 13212

Equipment: Receiver - Heathkit AR-15

Antenna - Radio Shack 10 element Stereo Supreme antenna at 55' AGL.

Addendum to last months Listings, after
Listening to the tapes with a fine tooth
comb:

JUNE 1987

8 Es

1423 WJMI 99.7 MS Jackson, "JMI-FM", s

15 Es

2031 WPDS 93.3 FL Tampa, "PARADISE 93.3, AC

2124 WARM 99.7 GA Atlanta, "POWER 99 FM", CHR

29 Es

2104 KADL 94.9 AR Pine Bluff, AOR,

(please recheck tape - they were KZ-95/

KZLR by this date -jf)

The regular report -

JULY 1987

1636 WLVE 93.9 FL Miami Beach, "LOVE 94 FM,

AC

1653 WFUZ 93.7 FL Ocala, "Z-93 FM", AOR

(I think this is now WMMZ....wish stations

would use their call signs every now and

then! It'd be easier on us DXers. -jf)

2059 KQXY 94.1 TX Beaumont, "FM-94", EZ

14 Tr

---- WJBR 99.5 DE Wilmington,
"BRIGHT 99.5", AC

14 Es

1746 VOCM 97.5 NF St. John's, "VO-FM", r

1752 KZEN 100.3 NE Central City, "KZ-100 FM", k

1757 KUWR 91.9 WY Laramie, "PUBLIC RADIO", t

1819 KTCS 99.9 AR Ft. Smith, k

1819 KKAJ 95.7 OK Ardmore, "KKAJ-FM", k

1820 KMAJ 99.1 AR Little Rock, AC

1822 KHLT 94.1 AR Little Rock, "K-LIGHT", AC

1822 ???? 94.9 AR "KZ-95 FM"

('Tis KZLR Pine Bluff, mentioned above -jf)

1825 KXNP 103.5 NE North Platte, "KX-104 FM"

CHR

1827 KSSN 95.7 AR Little Rock, "KISSIN", k

1828 KHLS 96.3 AR Blytheville, k

(It finally moved! -jf)

1829 KZEZ 100.3 AR Little Rock, "EZ-100", b

1831 KZOU 98.5 AR Little Rock, "ZOO-98-FM",

CHR

1841 unID 100.3 "HIT 100 FM", CHR

1900 KDEZ 100.1 AR Jonesboro, "EZ-100", b

1910 KNEB 94.1 NE Scottbluff, MoR

2100 KMEZ 100.3 TX Dallas, "EZ-100", b

2115 KPXL 95.5 TX Ft. Worth, "K-PLEX FM", k

2119 KORQ 100.7 TX Abilene, AC, "100.7 KORQ"

2121 KTXQ 102.1 TX Ft. Worth, "Q-102", AOR

2125 WJMI 99.7 MS Jackson, s, "WJMI-FM"

2125 KLTR 93.7 TX Houston, "K-LITE 93.7", AC

2126 KVIL 103.7 TX Dallas, "103.7 KVIL", AC

2127 KRRV 100.3 LA Alexandria,

"K-DOUBLE R-V", k

2140 KAFX 95.5 TX Diboll, "K-FOX 95", CHR

15 Tr

0834 WQKX 94.1 PA Sunbury, "94 KX", CHR

0837 CHOM 97.7 PQ Montreal, "97 ROCK", AOR

0838 WJJR 98.1 VT Rutland, "FM-98", b

0840 WWSH 97.9 PA Hazleton, "WISH 98", b

0843 WGBI 101.3 PA Scranton, "STEREO 101",

AC

0844 WKXW 101.5 NJ Trenton, CHR

0847 WKRZ 98.5 PA Wilkes-Barre, CHR,

"KRZ FM98"

0847 WUSL 98.9 PA Philadelphia, s,

"POWER 99"? (Believe so -jf)

0850 WKSZ 100.3 PA Media, KISS 100", MoR

(Really soft rock...and they like to

spell out "kiss" occasionally so you'd

think their call is KISS. -jf)

0850 WHTZ 100.3 NJ Newark/NYC, "Z-100", CHR

0850 WQHT 103.5 NY Lake Success/NYC,

"HOT 103", CHR

0851 WRKS 98.7 NY New York, s, "KISS FM"? (yep -jf)

0852 WMZQ 98.7 DC Washington, k

(Local WNYZ-98.7 Utica, NY on

very low power.)

16 Es

1052 KMEZ 100.3 TX Dallas, "EZ-100", b

1055 KQXY 94.1 TX Beaumont, "FM-94", b

1059 KKGK 92.5 OK Oklahoma City,

"EZ 92 FM", b

1116 KOJO 94.1 TX Ft. Worth, "KO-JO FM", g

1124 KLTR 93.7 TX Houston "K-LITE 93.7", AC

1128 KAFX 95.5 TX Diboll, "K-FOX 95", CHR

1135 KLAK 97.5 TX Beaumont, "K-LAKE FM" CHR

(This isn't Durant, OK-??? -jf)

1146 KMOD 97.5 OK Tulsa, "97.5 KMOD", AOR

1148 KRAV 96.5 OK Tulsa, "FM 96 KRAV", AC

1200 KXXY 96.1 OK Oklahoma City,

"KXY-96", k

1206 KRLG 98.1 OK Lawton, "G-98", r

1514 KITT 93.7 LA Shreveport,

"93.7 KITT", AC

1538 WXLt 94.1 ?? (any clues?),

"PLAYING THE HITS" (McComb, MS -jf)

1600 KLSA 90.7 LA Alexandria, "90.7 FM", r

1631 WQTD 93.7 MS Biloxi, "94-QID", CHR

1632 WBYU 95.7 LA New Orleans, "BAYOU FM" b

1638 KITT 93.7 LA Shreveport

1702 KOJO 94.1 TX Dallas

17 Es

1640 WIAL 94.1 WI Eau Claire, "I-94 FM", AC

1642 WAYL 93.7 MN Minneapolis,

"STEREO 94", b

1645 KQRS 92.5 MN Minneapolis, CHR

1930 WOW 94.1 NE Omaha, "FM-94", k

1936 KYEZ 93.7 KS Salinas,

"KY COUNTRY 94", k

1938 KROA 95.7 NE Grand Island, g

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KURT RICHARDSON's report (continued)

18 Tr
1052 WNCN 104.3 NY New York, c
1102 WAEB 104.1 PA Allentown,
"LAZER 104 FM", CHR

AUGUST 1987

3 Es
0056 KSDN 94.1 SD Aberdeen, "NEW ROCK 94", r
0126 WQYR 93.7 SD Winner, "MAGIC 93", CHR

COMMENTS: The 14th was a strange opening. First shooting NE to Newfoundland, and then quickly shifting to the southwest. Several new catches in this opening.

The troposphere on the 15th was aided by the fact that WNYZ-98.7 Utica was on low power, making reception of WMZQ possible.

The E-skip played "cat and dog" on the 16th. Multiple listings of a given station occurs where a station faded completely and returned at a later time. (I edited some of those out, Kurt, as I didn't see the point to listing a station three or four times on the same opening. Does it really serve a purpose? -jf).

Until next month, good luck - Kurt.

AUGUST 4 Tr

1039 WAMO 105.9 PA Pittsburgh, "FM 106", s
1040 WWSK 106.7 PA Beaver Falls,
"KISS FM", CHR
1040 WSSH 99.7 PA Pittsburgh,
"WISH 100", EZ
1040 WBZZ 93.7 PA Pittsburgh,
"B-94 FM", CHR

JOSEPH FELA - 150 ROBERT PLACE - SO. PLAINFIELD, NJ - 07080

Equipment - A McIntosh MR-78 tuner. Two CM Stereo Probe 9s, stacked, at 40' AGL

JULY 1987

4 Tr
1710 Local WAWZ-99.1 off!
1719 WIYQ 99.1 PA Ebensburg-Johnstown, r,
Uses variations of "POWER" as their
slogan. (WAWZ still off at 1820!). 226
2235 Strong semi-local WKDN-106.9 off!
2240 WWSKX 106.9 VA Suffolk, "KIX-106", k
ex-WTID 289

7 Es
1711 KRES 104.7 MO Moberly, k,
"KRES COUNTRY" 957
1722 WRKX 95.3 IL Ottawa, ID 754
1820 KDCR 88.5 IA Sioux Center, wx, ID 1143
1821 KSTQ 99.3 MN Alexandria, ID, r? 1116
1843 KLLR 99.3 MN Walker, ID as
KLLR FM...and AM 1101
1850 KVOX 99.9 MN Morehead,
call + "K-100", ex-KIDA 1197
1859 KCCM 91.1 MN Morehead, MPR, ID 1197
1900 WIRR 90.9 MN Virginia-Hibbing
(not Buhl, although they gave a
Buhl address in their local insert) 1019

8 Tr
0225 CKQT 94.9 ON Oshawa, r, gave
mostly CKAR-1350 IDs 319
11 Es
1511 WGTG 97.3 FL Miami, "97-GTR", r
ex-WAIA 1078
1516 WAXY 105.9 FL Ft. Lauderdale, ID,
o/local WNNK 1051
1520 WIRK 107.9 FL W. Palm Beach, k, 1010
1528 WGVL 93.5 FL Vero Beach, ID, contest 956
1533 WZTA 94.9 FL Miami Beach, "ZETA 94",
r, ex-WINZ/WOCN 1076
1539 WEOU 92.5 FL Key West, "WOW" + call,
soft r, ex-WFYN 1187
1548 WLOQ 103.1 FL Winter Park, "LOQ" 915
2029 KKBQ 92.9 TX Pasadena, "Q-93", r 1393
2032 KSBJ 88.1 TX Humble, g, on a
"Share-a-thon" (a.k.a. send \$\$\$) 1386
2039 KHYS 98.5 TX Port Arthur,
"KISS 98 FM - THE POWER STATION" 1325

12 Tr
0426 WIBQ 93.5 NY Remsen, k, ID 194
0959 WVRVW 93.5 NY Hudson, ID, ex-WHUC 121
13 Tr
2135 WFLS 93.3 VA Fredericksburg,
ID, ads, k, o/WMMR (most unusual) 225

JULY 13 Es
1540 Es to FL, to 94.9, weak
1610 WMAU 88.9 MS Bude, usual PRM IDs 1113
14 Es
1630 KMBR 99.7 MO Kansas City, b, ID 1074
1635 KCPW 94.9 MO Kansas City, r,
"POWER 95" 1074
1639 KICT 95.1 KS Wichita, r, ID
(WZZO off due to a severe storm) 1243
1646 KLKS 95.3 KS Wamego, ID 1164
1750 KGRC 92.9 MO Hannibal, ID, ads 897
1800 WAUN 92.7 WI Kewaunee, full ID,
"THE #1 OLD TIME MUSIC STATION" 718
1802 WHSM 101.7 WI Hayward, wx, ID,
fishing programs. (Local WKXW-101.5
on reduced power due to same storm
that knocked out WZZO, which helped
getting on 101.7. WKXW and WPRB-103.3
were off altogether earlier.) 936
1805 WCLK 100.9 MN Cloquet, ID 1093
1813 KFFX 104.9 KS Emporia, "FOX 95",
Emporia ads 1170
1820 KZNN 105.3 MO Rolla, k, ID 945
1823 KLTyt 106.5 MO Liberty, "K-LITE" 1063
1825 KCLR 105.9 KS Lawrence, r, call,
"ALL HIT RADIO", o/local WNNK, ex-KLWN 1111
1827 WDBR 103.7 IL Springfield, ID, ads 805
1828 KMMO 102.9 MO Marshall, ID,
contest, ex-KMFL 1001
1829 WYMG 100.5 IL Jacksonville, ID, r 850
1834 KSAJ 98.5 KS Abilene, ID,
"THE OLDIES CHANNEL" 1229
1836 KZZC 98.9 KS Leavenworth,
Old r, using calls 1117
1841 KMZU 101.1 MO Carrollton,
ID, k, o/local WCBs. 1013
1853 KEGS 101.7 KS Emporia, ID, k, ads 1170
1900 KPNC 100.9 OK Ponca City, ID,
"101 COUNTRY" 1252
1900 KPCR 100.9 MO Bowling Green,
AM/FM ID, into nx 892
1917 KLDZ 95.3 NE Lincoln, ID, old r 1166
2100 KKBL 95.9 MO Monet, ID which
mentions their Cassville XLTR ("FM98") 1080
2102 KCMMA 92.1 OK Broken Arrow, ID,
c, last heard as KGOW 1200

COMMENTS: To be continued next month.

17 pages is enough for this month! All
reports received thru Aug. 11th have been
included! 73, Joe

WESTERN TV-DX

Fred McCormack
Box 5221
State University Sta.
Fargo, ND 58105

September 1987

Deadline: 10- 8-87

Another nice column this month, dominated by continuing reports of excellent E skip this season. One of the nicer loggings reported is double hop last May from Pat Dyer's QTH to Puerto Rico.

New New Mode Tent. - t Unidentified - unid S/On - + S/Off - -
ID Color Bars - @ Unid Color Bars - % IHTP - % Misc. Test Patterns - &

BN Baja California Norte JA Jalisco YN Yucatan
CH Chihuahua NL Nuevo Leon ES El Salvador
GR Guerrero SI Sinaloa GU Guatemala

Eric Bueneman, P.O. Box 1202, Florissant, MO 63031-0202 (DX from Hazelwood) CDT

Equipment: Samsung 19"color TV (circa 1984), Archer VU-110, Winegard UHF antenna, two Archer in-line amplifiers at 540 feet ASL.

June 1987		29 Es 2220	KDFW	4 TX	540	5 tr 1859	WFIE	14 IN	165
26 Es 1940	XHBC 3 BN 1485		(Under KMOV-4)			1900	WUSI	16 IL	130
1951	KNAZ 2 AZ 1190	2225	KPRC 2 TX 685			1901	WKMA	35 KY	190
	(Under KTVI-2)		(Under KTVI-2)			1902	WEHT	25 IN	165
29 Es 1937	WMAR 2 MD 740					1903	KRCG	13 MO	100
	(Under KTVI-2)	July 1987					KOMU	8 MO	105
1938	KYW 3 PA 830	4 Es 1845	XHY 3 YN 1270			1959	WVUT	22 IN	135
tr 2130	KOZK 21 MO 190	5 tr 1855	WTCT 27 IL 110			2000	WICD	15 IL	150
Es 2159	KFDX 3 TX 555	1856	WEVV 44 IN 165			2001	WKMJ	68 KY	255
2203	KENW 3 NM 780		WHTN 39 TN 295		17 Es 1728	KACE	3 TX	675	
2215	KIII 3 TX 855	1858	KMTZ 17 MO 105			(KRCB-9 ID)			

E skip hasn't been too shabby this summer, with mainly KENW-3, CBWFT-3, and WFSB-3 in this summer. No channel 6 E skip has made it through this summer, because the channel is a total mess. No channel 6 stations come in on my TV because KCLC-89.1 is only seven miles from my shack. Channel 3 is easy between KTVI-2 and KMOV-4, both of which are twenty miles from the shack to their transmitters. Looks like no more tropo for awhile, because the UHF antenna is not picking up KNLC-24, KDNL-30, K52AY, and K56CA like it should. I plan to replace the Winegard with an Archer U-120. 73

Frank Merrill, P.O. Box 669, Macomb, IL 61455 CDT

Equipment: Channel Master 3617 "Super Crossfire" VHF (top-of-the-line), Channel Master seven foot UHF dish, Alliance rotor and Winegard preamplifiers on a seventy foot Rohn tower.

July 1987		8 Es 2300	WESH	2 FL		11 tr 0602	WXTX	54 GA	CCI
3 Es 1959	WUNC 4 NC	9 Es 1804	WBRZ	2 LA		Es 1450	Cuba	ICRT-3	
2000	WFMY 2 NC	1814	WESH	2 FL		1451	WESH	2 FL	
	WUND 2 NC	1818	WTVJ	4 FL		1500	WPBT	2 FL	
4 Es 1749	XEFB 2 NL	1821	WPBT	2 FL		1853-1920+			
1759	KIII 3 TX	1829	WCIX	6 FL		(See Note)			
	KGBT 4 TX	1834	WJXT	4 FL		1900	WESH	2 FL	
1829	KRGV 5 TX	1838	WCPX	6 FL		2059	KACB	3 TX	
	KRIS 6 TX	1859	WPTV	5 FL		2100	KNMZ	2 NM	
5 Es 1558	XEPM 2 CH	10 Es 1900	WPBT	2 FL		12 Es 1357	XEFB	2 NL	
6 Es 1927	KTQV 2 MT	11 tr 0540	WDBB	17 AL		13 Es	lots of Es-but no time		
7 Es 1530	WGBH 2 MA		WTTQ	21 AL		14 Es 1600	WGBH	2 MA	
1559	WLNE 6(RI)		WZDX	54 AL		1636	WLNE	6(RI)	
1612	WCVB 5 MA		WAFF	48 AL		1637	WFSB	3 CT	
1700	WPBT 2 FL		WZTV	17 TN			WNYW	5 NY	
1703	CKMI 5 PQ		WFIE	14(KY)		2000	WUND	2 NC	
1715	CBOT 4(PQ)		(Snow free)				WUNC	4 NC	
1722	CJPM 6 PQ	0545	KFVS	12 MO		2028	WRAL	5 NC	
1734	WNBC 4 NY		(Snow free)			2029	WWAY	3 NC	
1750	WFSB 3 CT		WKABt	32 AL		2031	WECT	6 NC	
1810	WCVB 5 MA	0556	WAAY	31 AL		16 Es 1500	WWAY	3 NC	

Frank Merrill (continued)

16 Es 1500 WUND 2 NC	19 Es 1900 KTVQ 2 MT	21 tr 0415 Michigan
17 Es lots of Es-but vy busy	20 tr 2335 to 350 mi, w & nw	Es 2000 WPBT 2 FL
1410 WTVJ 4 FL	2335 K24AC 24 NE	WESH 2 FL
WEDU 3 FL	(Falls City KUON-12)	22 Es 1400 KUTV 2 UT
1737 unid ch8 Es CCI!	21 tr 0100 Clarinda xltrs	29 tr 0259 WCCO 4 MN
1800 CJCH 5 NS	inc. ch 60-rare!	KXLI 41 MN
19 Es 1606 WLBZ 2 ME	0104 @KTIV 4 IA	Mpls23,29 snwfr
1859 KTWO 2 WY	(With WHBF-4 on)	Es 1857 XEFB 2 NL
	0415 CKC03 42 ON	2044 XEPM 2 CH

Note - During this period on July 11, I had an undulating cyclical tone, cycling from about 200 to 300 to 200 cps twice per second. No apparent video. Could this be some kind of "marker" in the Caribbean, perhaps for navigation? Has anybody in the south ever had this?

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228-2744 (WA5IYX)

CST

Equipment: 1980 model Penncrest 9" black and white, Archer V-100 and eight bay bow tie UHF array at 20 feet with rotor, Emerson 872 VCR.

May 1987

1 tr 0004 WNOLt 38 LA	2 Es 2238 (MUF 92.5-2244)	5 Es 1959 WSJK 2 TN 1010
WGN0t 26 LA	2250-0000 unids chs2,3	(MUF 89.3-2004)
KADNt 15 LA	3 Es 0000-0018 unids chs2,3	apx fade/outs
0106 KFDM 6 TX 275	tr 0247 WGN0t 26 LA	2030 tune/in
WVUE 8 LA 510	Es 0818 unids chs 2, 3	6 Es 0850 unids chs 2, 3
0124 (Not much TV, considering FM duct to Tampa)	0828 WCBd 2 SC 1120	0859 WBAY 2 WI 1190
0258 WAFB 9 LA 450	0858 WESHt 2 FL	0935 KTCat 2 MN
0300 KLFY 10 LA 395	0859 WPBT 2 FL 1150	WISCT 3 WI
0301 WLPB 27 LA 450	1000 apx fade/outs	0959 KGAN 2 IA 945
Es 1715 KCBSt 2 CA	1216 unid ch2 s brief	1030 WBBM 2 IL 1045
1734 YSR t 2 ES	1251-1325 unids chs2-4	1050 fade/outs
YSU t 4 ES	nw and ne	1752 tune/in
1759-2005 unids chs2-6	1333 WJMN 3 MI 1280	unids ch 2 se
(Spanish)	1338-1352 unids chs2-6	1800 fade/outs
2059 KUTV 2 UT 1080	1400 KOTA 3 SD 1040	2157 unids ch 2 brief
2124 KIDK 3 ID 1215	(MUF 92.5-1414)	7 Es 1025 tune/in
2203-2211 unids chs2,3	1510 KPRYt 4 SD	1028 WPBT 2 FL 1150
(Spanish)	1515 KXMA 2 ND 1225	WCIXt 6 FL
2 Es 0956 tune/in	1630 XEWO 2 JA 690	(MUF 101.5-1032)
WPBT 2 FL 1150	1652 unids chs 2-6	1130 WCBd 2 SC 1120
1001 WTVJt 4 FL	1730 XHAP 2 GR 880	1152 apx fade/outs
(MUF 92.3-1002)	2100 spotty	1449 unids chs 2, 3
1004 WCIXt 6 FL	2215 apx fade/out	1450 WTVJt 4 FL
1010 WEDUt 3 FL	4 Es 0845 tune/in	1454 WJXTt 4 FL
1040 WCBd 2 SC 1120	KEYT 3 CA 1270	1459 WESH 2 FL 1055
WJXTt 4 FL	0849 KCBS 2 CA 1190	1508 WUFTt 5 FL
WCIVt 4 SC	0850 fade/outs	(MUF 92.7-1517)
1050 WBTv 3 NC 1105	1110-1220 unids chs2-4	1529 WEDU 3 FL 985
1051 WCSct 5 SC	(Spanish- south)	1636 WPTVt 5 FL
1059 WSJK 2 TN 1010	1232 unid ch2 Sp west	1659 WPBT 2 FL 1150
1102 WRCBt 3 TN	1245 KUTV 2 UT 1080	(MUF 88.9-1721)
1129 WCCO 4 MN 1110	1305 fade/outs	1904 WSB 2 GA 880
KSTPt 5 MN	1543-1620 unids chs2,3	(MUF 92.5-2029)
WBAYt 2 WI	1815-1840 unids chs2-6	2100 WPBT 2 FL 1150
1155 WTWO 2 IN 935	(Spanish-s or se)	2109 WESH 2 FL 1055
1219 WESH 2 FL 1055	(MUF 88.9 - 1859)	2113 apx fade/outs
1229 KTCA 2 MN 1110	1907 apx fade/outs	8 Es 0845-1015 unids ch2 sw
1247 apx fade/outs	5 Es 1748-1845 unids chs2,3	1450 unids channel 2
2150 tune/in	1846 WWAYt 3 NC	1458 WESH 2 FL 1055
unids chs 2, 3	(MUF 89.1-1850)	1527 WTVJt 4 FL
2155 KWGN 2 CO 810	1855 WCIVt 4 SC	1550 WKAQ 2 PR 2180
2203 KCNCt 4 CO	WJXTt 4 FL	1624 KDLO 3 SD 1070
2229 KTWO 2 WY 1015	1859 WESH 2 FL 1055	1629 KUSD 2 SD 920
2238 KGWLT 5 WY	1915 WSAvt 3 GA	WPBT 2 FL 1150
	1919 WCBdt 2 SC	1733 WEDUt 3 FL
	1951 WBTv 3 NC 1105	1807 WCBdt 2 SC
	1959 WSB 2 GA 880	

Pat Dyer (continued)

Pat Dyer (continued)				16 Es	2058	KTCA	2 MN	1110	26 Es	1737	WSIL	3 IL	810
8 Es	1841	TGV t	2 GU		2101	KGAN	2 IA	945		1745	WTTvt	4 IN	
	2012	YSR	2 ES	1200	2127	KIMT	3 IA	985			WTWO	2 IN	935
	2200	apx fade/outs			2157	(MUF 96.5-2151)				1746	WRTvt	6 IN	
9 Es	1020-1045	unids ch 2 e				KGFet	2 ND				(MUF 101.5-1804)		
	1115	unid ch 2 brief				KBMEt	3 ND		1857	WCIVt	4 SC		
10 Es	1203	KCBSt	2 CA			KPRyt	4 SD		1859	WWAY	3 NC	1250	
	1210	KNBCt	4 CA		2251	KFYrt	5 ND		1902	WCBDt	2 SC		
	1211	KTLa	5 CA		2255	KNOpt	2 NE		1940	WSAV	3 GA	1050	
	1215	KTVKt	3 AZ			apx fade/outs			1958	KTCA	2 MN	1110	
	(MUF 105.9-1233)			18 tr	0144	KADNt	15 LA			WCCot	4 MN		
	1239	KPHOt	5 AZ		0156	KLFY	10 LA	395	2021	apx fade/outs			
	1240	XHAQt	5 BN		0158	WAFB	9 LA	450	27 Es	1010	unids ch 2 ese		
	1312	KNAZt	2 AZ		0359	KALB	5 LA	385		1056	unids chs 2, 3		
	KVBct	3 NV			0505	WPMIt	15 AL		1059	WSB	2 GA	880	
	1531	KIDK	3 ID	1215		WGNOT	26 LA		1128	WBTv	3 NC	1105	
	1612	apx fade/outs				KVHpt	29 LA		1145	WSJK	2 TN	1010	
	1709-1759	unids chs 2,3				WRBt	33 LA			soon fade/outs			
	1830-1850	unids ch 2			0621	WNOLt	38 LA		1550	unids ch2 sw brf			
	1859	WBBM	2 IL	1045		WAPTt	16 MS		1635	unids channel 2			
	(MUF 89.1-1901)				19 tr	KLPBt	24 LA			(Spanish-spotty)			
	1901	KGFet	2 ND		0138	KLFY	10 LA	395	1735-1815	unids ch 2			
	1912	KBMEt	3 ND		0139	WAFB	9 LA	450		(Spanish - sw)			
	1944	WPBTt	2 FL		0259	KNOEt	8 LA		1830	WBTv	3 NC	1105	
	1946	WESHt	2 FL		0359	KFDM	6 TX	275	1845	WFMY	2 NC	1175	
	WTVJt	4 FL				KALBt	5 LA		1859	WWAY	3 NC	1250	
	1959	WSJK	2 TN	1010	21 Es	unids chs 2, 3			1909	WCIVt	4 SC		
	2000	WBTvt	3 NC		1727	WBBM	2 IL	1045		soon fade/outs			
	2007	WCIVt	4 SC		1739	WMMT	3 MI	1140	1943-2058	unids 2,3 nw			
	2102	unids chs 2,3 nw			1744	WDIVt	4 MI		2100	KQTV	2 MO	750	
	2110	apx fade/outs			1747	WJBK	2 MI	1225	2122	apx fade/outs			
11 Es	1050-1056	unid ch 2			1758	KTCA	2 MN	1110	28 Es	0915	unids chs 2, 3		
12 Es	1150	unids chs 2, 3				WCCot	4 MN		0926	KWGN	2 CO	810	
	1159	KCBS	2 CA	1190	1826	CBWFTt	3 MB		0938	KCNct	4 CO		
	1211	KNBCt	4 CA		1842	KPRyt	4 SD		0959	KTWO	2 WY	1015	
	1212	KTLa	5 CA		1845	KFYrt	5 ND		1027	fade/outs			
	(MUF 91.1-1216)				1942	KSREt	6 ND		1135-1230	unids chs 2,3			
	1222	KSByt	6 CA		2114	KTWO	2 WY	1015	1239	KOTA	3 SD	1040	
	1229	KEYT	3 CA	1270		(MUF 89.3-2213)			1300	KWGN	2 CO	810	
	1302	fade/outs			2213	KOTA	3 SD	1040	1517	apx fade/outs			
	1517	unid ch 2 brief			2234	KTVQ	2 MT	1245	1609	unid ch 2 brief			
	1755-1900	unids chs 2,3				(MUF 92.5-2310)			29 Es	1152	tune/in		
	(West, spotty)				2329	apx fade/outs				1308	WESHt	2 FL	
14 Es	1600	WCBD	2 SC	1120	22 Es	0600	tune/in			1345	WCIVt	4 SC	
	WCIVt	4 SC				WESH	2 FL	1055		1346	WCBD	2 SC	1120
	(MUF 89.3-1601)					(MUF 89.3-0602)				1400	apx fade/outs		
	1638	WBTvt	3 NC		0612	WTVJt	4 FL			1515-1556	unids chs 2,3		
	soon fade/outs				0616	WJXt	4 FL		1558	WJBK	2 MI	1225	
tr	2220	KPLCt	7 LA		0629	WKRN	2 TN	820		WDIVt	4 MI		
	2300	KVHpt	29 LA			WEDU	3 FL	985	1659	WDTN	2 OH	1075	
	2306	KFDMt	6 LA		0659	WPBT	2 FL	1150		WESH	2 FL	1055	
15 Es	0720	unids channel 2				(MUF 89.1-0724)			1711	WTTvt	4 IN		
	0726	WCIVt	4 SC		0729	KGFE	2 ND	1240	1717	WTWO	2 IN	935	
	0808	WFMY	2 NC	1175	0759	KTCA	2 MN	1110	1725	KGAN	2 IA	945	
	0959	apx fade/outs			0805	WCCot	4 MN		1727	WBBM	2 IL	1045	
	1047	unids chs 2-4			0829	KXMA	2 ND	1225		(MUF 88.5-1752)			
	1059	WWAY	3 NC	1250	0859	KDLH	3 MN	1250	1755	WWAY	3 NC	1250	
	WCBD	2 SC	1120		0920	apx fade/outs			1759	WMMT	3 MI	1140	
	1130	WSJK	2 TN	1010	1455	WDTN	2 OH	1075	2004	apx fade/outs			
	1159	WPBT	2 FL	1150	1529	KIMT	3 IA	985	2125-2134	unids chs 2,3			
	1204	apx fade/outs				(MUF 107.9-1662)			2133	WKYCt	3 OH		
	1320-1410	unids ch2 ne			1855	KTCA	2 MN	1110	2136	KDKA	2 PA	1280	
16 Es	1203-1225	unids chs 2,3			2151	unids chs 2,3 nw			2200	unids chs 2-4			
	(Spanish- south)				2215	apx fade/outs			2216	KTWO	2 WY	1015	
	1710	unid ch 2 brief			23 Es	0015	unid ch 2 brief		2232	apx fade/outs			
	1748	WFMYt	2 NC		0620	unid ch 2 brief			30 Es	1100	unids chs 2-4		
	1758-1950	unids chs 2-4			26 Es	1455-1508	unids ch 2		1118	WJBK	2 MI	1225	
	2001	CHBX	2 ON	1405		1720	WFMY	2 NC	1175	WDIVt	4 MI		
	2020	WBAY	2 WI	1190		1737	unids chs 2-6			1132	WCIA	3 IL	935

Pat Dyer (continued)

30 Es 1134	WTWO	2 IN	935	1243	WFRVt	5 WI	1713	WCBd	2 SC	1120
1139	KTCA	2 MN	1110	1246	WJMN	3 MI	1280	1750	WFMyt	2 NC
1140	WCCot	4 MN		1329	KIMT	3 IA	985		(MUF	89.7-1757)
1159	WWMT	3 MI	1140	1445	WSJK	2 TN	1010	1829	WBTvt	3 NC
	(MUF	89.7-1228)		1459	apx	fade/outs		1844	fade/outs	

A heavy month of E skip, with one of the highlights being the Puerto Rico double hop on channel 2. 73, Pat, WASIYX

Dave Pomeroy, 1169 Webster, Topeka, KS 66604-1502

CDT

June 1987

21 tr AM K39AJ 39 NE
(Malcolm LPTV-TBN)
29 Es 1800 WTVR 6 VA
1900 WRAL 5 NC
WTKR 3 VA
2200 WCPX 6 FL
WESH 2 FL

July 1987

1 gw K21AP 21 KS
(Topeka LPTV-TBN)
(200'-750 Watts)
(On KSNT tower)
2 tr ??? KTIN 21 IA
(Over K21AP)
K39AJ 39 NE

2 tr ??? KMEG 14 IA
K56AF 56 IA
(Clarinda KMTV- 3)
K30AL 30 KS
(Iola KTWU-11)
KYNE 26 NE
14 tr 0830 K64BS 64 KS
(Concordia KOOD- 9)
22 tr AM KSMQ 15 MN

Dave Sinclair, 6565 Brooks Street, Vancouver, BC V5S 3J6

PDT

Equipment: Archer antennas: VHF-FM model 15-8654, UHF model U-120 both mounted on separate chimneys 10 feet high, Archer coax wire (50 ft. each), Sony colour TV model KV 1215, Electrohome VHS VCR (Canadian made - excellent adjacent channel rejection.)

I am 48 years of age, married. Distances were calculated from John Combs' DX distance printouts. This report does not include KTPS-28, Tacoma and KCKA-15, Centralia (rebroadcaster of KTPS), as these come in almost daily.

June 1987

4 Es 1642 KTVK 3 AZ 1231
6 Es 0900 XHBC 3 BN 1210
0930 KTVK 3 AZ 1231
8 Es 1150 KTVK 3 AZ 1231
1230 KVVU 5 NV 996
(Over KING- 5)
1355 KEYT 3 CA 757
1425 XHBC 3 BN 1210
(See Note)
1455 KCRA 3 CA 757
1557 KIEM 3 CA 584
9 Es 1700 KEYT 3 CA 757

9 Es 1900 KNBC 4 CA 1063
(Over KOMO- 4)
1915 KIEM 3 CA 584
14 tr 0614 KATU 2 OR 252
(CBUT not on)
0630 KPDX 49 WA 252
Es 1920 KTVK 3 AZ 1231

July 1987

3 Es 0940 KTVK 3 AZ 1231
16 Es 1830 KCRA 3 CA 757
1850 KVBC 3 NV 996
18 Es 1235 KEYT 3 CA 757

Note - 6/8 @ 1425 - I received CB TP, national anthem, and station ID for sign/on - rare catch!

This is the first time I have been able to identify over channels 4 & 5 Seattle. Ch 3 is the only vacant VHF in this area and is sometimes difficult to identify because of local CBUT-2, Vancouver and its relay, ch 3, Chilliwack about 79 miles

east with 539 Watts. I envy DX'ers with no local VHF channels; better for cable too, no such thing as local impaired channels.

William Draeb, Ellis St., Rt. #2, Kewaunee, WI 54216

CDT

Equipment: See August 1987 Western TV DX

June 1987

22 Es 2125 unid ch 2 south
2215 WBRZt 2 LA
2223 KPRC 2 TX 1117
25 Es 0859 KBTX 3 TX 1059
1200 KARK 4 AR 727
tr 2100 WCET 48 OH 400
WKON 52 KY 437
28 Es 1843 unid ch 2 south
unid ch 2 s NBC
29 Es 1726 chs2-6 strong sw
1800 WDSU 6 LA 1034

29 Es 1800 WWL 4 LA 1034
1830 WKRG 5 AL 995
1956 WUFT 5 FL
WPTV 5 FL 1295
1959 WTVY 4(FL)
2030 WCTV 6 FL
2159 KENS 5 TX
2200 KJAC 4 TX
2205 KMOL 4 TX
2230 KIII 3 TX
2231 KBTX 3 TX
2300 KNMZ 2 NM

29 Es 2300 DX gone on all but channel 2.

July 1987

3 Es AM No time to watch
1929 WTVY 4(FL)
WRBL 3 GA
WDIQ 2 AL
2037 WEARt 3(AL)
2100 WTBS 3 LA
KJAC 4 TX
2201 KATC 3 LA

William Draeb (continued)				16 tr 2000	WDKY 56 KY 508	19 tr 2155	WKON 52 KY 437
3 Es	2218	KPRC	2 TX 1117		WCVN 54 KY 407		WBPO 42 OH 461
	2226	all gone			WKON 52 KY 437		WCVN 54 KY 407
5 tr	0615	W16AC	16 WI		WPBO 42 OH 461	20 tr 0642	WTQV 36 KY 437
	(Land O'Lakes LPTV)				WGRB 34 KY 495		K53BH 53 MN
		W57AR	57 WI		WXIX 19 OH 400		(Grand Marais WDSE-8)
	(Sayner WSAW- 7)				WKSO 29 KY 538		K67CT 67 MN
	(Snow free)				WAFFt 48 AL		(Grand Portage WDSE-8)
Es early	PM-No time to DX				WLJC 65 KY		K57## 57 MN
1956	WCET 48 OH 400				WIII 64 OH 400	(Unknown	KDLH- 3)
	WXIX 19 OH 400				WLLA 64 MI 185	0725 @WNEQ	23 NY 445
Es 2020	KOTA 3 SD 798			2023	Kalamazoo		(Snow free)
	KTWot 2 WY				WSBN 47 VA 587		WNED 17 NY 445
	KDUH 4 NE				WMSY 52 VA 613		WNYB 49 NY 445
	2057 KCWC 4 WY			17 tr 0141	WTSF 61 KY		(ID - testing)
	2112 KTVQt 2 MT				CITY1 31 ON 325	25 tr 0547	WUTV 29 NY 445
	KIDKt 3 ID			0146	other lower U's		CBCQlt 15 ON TVO
11 Es 1820	KMDI 2 TX				WAKC 23 OH 395	2130	WLLA 64 MI 185
	KJAC 4 TX			Es 1800	(Snow free)	26 tr 0400	CITY1 31 ON 325
	unfd channel 3				KTBS 3 LA 910	27 tr 0753	Youngstown,Erie,
	1900 WESH 2 FL			1810	KARK 4 AR 727		Pittsburgh,
	WEDU 3 FL			1815	KTAL 6 LA 910		Columbus,
	WWL 4 LA				KBTX 3 TX 1059		Alliance,
	2000 WJXT 4 FL			1827	KPRC 2 TX 1117		Cincinnati,
	WKRG 5 AL			1900	KATC 3 LA		Zanesville,
12 tr 0435	CITY1 31 ON			19 Es 0745	WTVY 4(FL)		Richmond, IN,
14 Es 2056	unids chs 2-4 s			1900	KPRC 2 TX 1117		Indianapolis,
	No time to watch				KWSE 4 ND 811		Fort Wayne, etc.
16 tr 2000	WTQV 36 KY 473			1959	KXMat 2 ND		U's all snowfree
	WKLE 46 KY 473			tr 2155	KCNC 4 CO 957		(Except Ptsbrg)
	WCET 48 OH 400				WCET 48 OH 400		W59AZ 59 MI
					WXIX 19 OH 400		(Grand Rapids LPTV)

WLLA-64 is one of the new ones I saw. They are mostly religious. According to the new station guide they're supposed to have a million Watts, but they're about the same strength as WGVK-52.

On July 2, there was a good opening to northeast Minnesota and to New York state both at the same time. WNEQ-23 was testing with 3/4 color bars and WNYB-49 (same offset as WAQP which they were over-riding) had an ID slide on while testing.

The morning of July 25, I found a TVO ID slide on channel 15. I assume it was CBCQ-1-15 as that's the only channel 15 in that direction. The new station guide doesn't give a network for them other than satellite.

W59AZ, Grand Rapids was on this morning. They had a continuous info slide rolling vertically which read: "You are watching W59AZ, channel 59 UHF, your community connection. Channel 59 will be bringing you programming from our community in the very near future. Channel 59 is licensed to the U.A.W., Grand Rapids, Michigan." I suspect that W59AZ is running about 100 Watts.

Also WSCO-14 signed off early (at 2200) on the 25th. They haven't been on since (26th and 27th).

That's it for now. 73's, Bill

(Judging by the opening, one might assume Bill's channel 57 logging of a KDLH-3 translator on the 20th to have been K57BH, Grand Portage, Minnesota. Also, regarding WSCO-14, I talked to Bill on the 9th of August, and he mentioned that they did not come back on and will not be back on until they can come up with a replacement transmitter. fm)

Scott Steenhuisen, 777 Silver Springs #1804, Wichita, KS 67212

CDT

Equipment: RCA XL-100 19", Channel Master VHF antenna and Radio Shack U-120 UHF antenna at 25 feet.

I learned through a friend of the VHF-UHF Digest just a few months ago, and subscribed right away. I have enjoyed the first few issues very much. Though an avid DX'er for about 15 years, I have never actually logged any reception reports on paper or retained anything more than a mental record, so this will be something new.

Enclosed is my contribution for June-July, plus a few days from May, when on the 21st I received two Los Angeles stations for the first time ever, stations I have been hoping to receive for at least 10 years. Finally, some California signals bounced my way! Late July E skip has been pretty good and hope for more of the same in August.

Scott Steenhuisen (continued)

May 1987

21 Es 2100	KNAZ	2 AZ	800	3 tr 2200	WDAF	4 MO	175	17 Es 2000	CBLT	5 ON	1025
	KPHO	5 AZ	870		KCTV	5 MO	175	2035	unid ch 4	French	
2130	KNBC	4 CA	1165	2205	KETV	7 NE	260	2135	WGRZ	2 NY	1030
	KVOA	4 AZ	840	2220	KSNB	4 NE	160	19 Es 2000	WESH	2 FL	1120
	KTLA	5 CA	1165		KOCO	5 OK	145	29 Es 1730	WESH	2 FL	1120
2200	unid ch 2 news				KOTV	6 OK	150	1815	WBRZ	2 LA	620
2230	WUND	2 NC	1160		KAYS	7 KS	130	1900	KBCI	2 ID	1050
2300	unid channel 2			2230	KWTV	9 OK	145	1914	KRGV	5 TX	800
22 Es 2100	WPBT	2 FL	1320	2253	KHIN	36 IA	280	1933	CICI	5 ON	1030
	WTVJ	4 FL	1320		KPTM	42 NE	245	2019	KTLA	5 ON	1165
	WCIX	6 FL	1320		KSNT	27 KS	130	2021	unid channel 4		
2225	WMAR	2 MD	1110	2305	KTAJ	16 MO	195		(Sudbury ON ad)		
28 Es 1500	WESH	2 FL	1120		KCPM	19 MO	185	2025	unid ch5 Spanish		
(DX'ed from Irwin, IA)					KSHB	41 MO	175	2030	KNBC	4 CA	1165

June 1987

14 Es	1625	KDKA	2 PA	935		K18AM	18 OK	70	2222	WBAY	2 WI	675		
	2044	WMAR	2 MD	1110		(Ponca City		LPTV)	2258	CKND2	2 MB			
		WRC	4 DC	1080		2316	KOKI	23 OK	150	31 Es	2059	CKCK2	6 SA	875
	2112	WTTG	5 DC	1080		2318	KGMC	34 OK	145	2159		unid channel	5	
		WTVR	6 VA	1075			K38AK	38 OK	70					("CBC Manitoba")
29 Es	2212	WECT	6 NC	1110		(Ponca City		KETA-13)	2213	WGRZ	2 NY	1030		
							KGCT	41 OK	150	2218	WDTN	2 OH	720	
							KAUT	43 OK	145	2225	WCBD	2 SC	1040	
							KWHB	47 OK	150	2226	WFMY	2 NC	970	
July 1987														
3 Es	2100	WGRZ	2 NY	1030		2324	KSNF	16 MO	160	2227		unid channel	5	
		WIVB	4 NY	1030	11 Es	2029	WTAE	4 PA	935	2228	WCSC	5 SC	1040	
	2135	WMAR	2 MD	1110	15 Es	1830	KTVQ	2 MT	790	2229	WCIV	4 SC	1040	
tr	2200	KQTV	2 MO	200	17 Es	1830	KFBB	5 MT	970	2243	WSB	2 GA	760	

(Welcome to Western TV DX, Scott. I hope to get regular reports from you. fm)

Jeff Kruszka, 1900 Stevens Drive, # 224, Richland, WA 99352

PDT

Equipment: Sylvania 12" black and white, quad loops cut for channels 2, 3, and 5 at 15 feet

July 1987

3 Es 1800	KCBSt	2 CA		11 Es 1555	unids chs 2-4			15 Es 1813	(Nothing on 2,3)		
4 Es 2115	KNMZ	2 NM	945	1558	KNME	5 NM	960	1828	KAMR	4 TX	1120
2119	KDBC	4 TX	1150	1559	KNMZ	2 NM	945	1832	unid channel 2		
2132	KTVKt	3 AZ			KENWt	3 NM		2241	KDLot	3 SD	
6 Es 1521	unid channel 2			1603	unid ch 6 on FM			2248	CKCKt	2 SA	
1547	unid ch 3 ABC			1611	KOB	4 NM	960	2255	KXJB	4 ND	975
	unid ch 3 CBS			1627	KTIV	4 IA	1080	16 Es 2031	KTCA	2 MN	1175
1559	KMTV	3 NE	1130	1630	KMTV	3 NE	1130	2040-51	unids chs 3-5		
1614	KQTV	2 MO	1225	1639	KDLT	5 SD	980	2057	WISCT	3 WI	
1623	unid channel 4			1644	KCNct	4 CO		2100	WCCO	4 MN	1170
1643	KHAsT	5 NE		1647	KRMAt	6 CO on FM		2111	KSTPt	5 MN	
1644	KSTPt	5 MN		1700	KTVS	3 CO	845	2117	KDLot	3 SD	
1651	KSNBt	4 NE		1714	unid ch3 Spanish			2146	KGANT	2 IA	
1652	KLNEt	3 NE		1715	KTVKt	3 AZ		2220	KMTVt	3 NE	
1700	KHAS	5 NE	1045	1730	KNAZt	2 AZ		2227	KXJB	4 ND	975
1717	KNOPt	2 NE		1830	KNAZ	2 AZ	815	2237	KXMA	2 ND	735
1723	KSNB	4 NE	1075	1921	KDBC	4 TX	1150	2248	KFYR	5 ND	820
1730	KNOP	2 NE	925	12 Es 1040-1051	unids chs 2-5			17 Es 1654	unids chs 2-5		
1901	KLNE	3 NE	990	1059	KENW	2 NM	1115	1659	KPRY	4 SD	870
1928	KSNC	2 KS	1100	1129	KNOP	2 NE	925	1700	Had to leave for		
1931	KTVS	3 CO	845	1133	KNMZ	2 NM	945		a party - Darn!		
1940	fade-outs			14 Es 1655	KAMR	4 TX	1120	18 Es 0750	unids chs 2-4		
10 Es 1832-37	unids chs 2-5			1657	KENW	3 NM	1115		(Earliest E ever)		
1839	KNAZ	2 AZ	815	1659	KXTX	5 TX	1200	0800	KOET	3 OK	1365
	KVOA	4 AZ	1000		KNMZ	2 NM	945		(Distance record)		
1900	KPHO	5 AZ	915	1705	KAVE	6 NM	1185	0816	KOCO	5 OK	1280
	KUATt	6 AZ			(Heard on FM)			0827	unid channel 4		
2004	unid ch3 Spanish			2055	unid ch 2 NBC			0839-54	unid 2, 3 NBC		
				15 Es 1813	unids chs 4, 5			0900	KFDX	3 TX	1310

Jeff Kruszka (continued)			18 Es 2014	KGAN	2 IA 1300	22 Es 2035	KTVK	3 AZ 915
			2025	KAMR	4 TX 1120	23-27 Vacation - Raleigh, NC		
18 Es 0906	unid ch 2 ABC		19 Es 1853	KMTV	3 NE 1130	29 Es 1700	unids chs 2-5	
0919	KNMZ 2 NM 945		1858	unid ch 3 ABC			(4 deep on ch 5)	
0925	left to play golf		2030	KNMZ	2 NM 945	1706	KVBC	3 NV 690
1553	unid channel 2		21 Es 1652	XEPM	2 CH 1155	1714	KOB	4 NM 960
	unid ch 3 PBS		1658	KENW	3 NM 1115	31 Es 1902	unids chs 2-5	
1629	KGFE 2 ND 970		1800	KNMZ	2 NM 945	1959	KNAZ	2 AZ 815
2011	KFDXt 3 TX		22 Es 2002-2034	unids chs2-4				

Another fantastic month! It started and finished kind of slow, but mid-month was quite exciting with several new personal records set, including a new distance record for E skip on the 18th with KOET-3 in. For three or four days there, it seemed like every time I turned on the TV, E skip was in - including 7:50 AM on the 18th! Thanks to Joe Manucci for his June VUD article on quad loops - I wish I had known about these sooner because they sure have boosted my DX'ing power.

Michael Parks, Route 1, Box 103, Amery, WI 54001

CDT

Equipment: See July 1987 Western TV DX

June 1987			3 Es	1834-1932	4 unids ch 2	14 Es	1936	WBRZt	2 LA
1 tr 0018	K45AR	45 MN 143	4 Es	0220	KUTV 2 UT 1038			WRBL	3 GA 976
	(Eagle Bend	LPTV)		0243	KTVXt 4 UT			WCTV	6(FL)1102
	0020	K20AC 20 MN 155		1403-1418	unids chs2-6		2001	unid ch 4z	NBC
	(Wadena	KSTP- 5)		1529	WBTW 3 NC 925		2033	WEDU	3 FL 1322
Es	1602	WCBd 2 SC 1094		1531	unid channel 3			(Annual Auction)	
		WCIVt 4 SC		1716	WWAY 3 NC 1081		2136	WESHt	2 FL
	1603	WTKRt 3 VA			WHSVt 3 VA		2201	WBRZ	2 LA 1036
	1606	WCSCt 5 SC		1717	WTKR 3 VA 1019			WEAR	3(AL)1072
	1613	WRAL 5 NC 976		1721	WRAL 5 NC 976	15 tr	2310	Peoria	19,25,31
	1617	WFMY 2 NC 917		1725	WECT 6 NC 1081		2312	WICS	20 IL 410
	1623	WUND 2 NC 1063		1734	WCYBt 5(TN)	Es	2312	unid channel 3	
	1624	WWAY 3 NC 1081		1735	WFMYt 2 NC	17 Es	1531	KATCt	3 LA
2 Es	1901	KAVE 6 NM 1103		1741	WTVRt 6 VA		1600	WWL t	4 LA
	1902	unid ch 2,3 ABCs		1744	WOAYt 4 WV		1700	KFDXt	3 TX
	1904	unid ch 4,5z		1751	WUNC 4 NC 954		1823	WUFT	5 FL 1217
	1905	WECT 6 NC 1081	5 Es	1008	unid ch 6 NBC		1824	KATC	3 LA 1050
	1907-2024	unids chs2-6		1011	KMID 2 TX 1065		1828	WJXTt	4 FL
	1917	WCYBt 5(TN)		1012	WBRZ 2 LA 1036		1831	WJBft	6(SC)
2107	WSCSt	5 SC		1016	KENSt 5 TX		1831	WCPX	6 FL 1310
	WCIVt	4 SC		1033	KATC 3 LA 1050		1836	WCTV	6(FL)1102
	WCBdt	2 SC		1102	KMOLt 4 TX		1848	WRBL	3 GA 976
2148	WBTW	3 NC 925		1134	KENW 3 NM 981			WRCBt	3 TN
2211	WPSXt	3 PA		1353	unid ch 3 ABC		1859	WJXT	4 FL 1191
2216	KYW	3 PA 947		1356	KRTV 3 MT 916		1910	WESH	2 FL 1277
2232	unid ch 2,4	NBCs		1456	CFRN 3 AB 1101		1959	WEAR	3(AL)1072
2259	WWAY	3 NC 1081	8 Es	1335	KIDK 3 ID 982	22 Es	1228	WWL	4 LA 1076
2306	WRC	4 DC 901			unid channel 2z			WDSU	6 LA 1076
2331	WTTG	5 DC 901		1340	unid ch 3 NBC			WBRZ	2 LA 1036
2348	WMAR	2 MD 904		1559	KLEW 3(WA)1188		1254	WLBT	3 MS 913
2354	unid ch 6	NBC		1629	KRTV 3 MT 916			KATC	3 LA 1050
3 Es	0003	KYW 3 PA 947	9 Es	2057-2114	unids chs2-5	23 Es	1859	KTBS	3 LA 895
	0016	WCVB 5 MA 1076	12 tr	0244	K22AE 22 MN 131	29 Es	1604	KIII	3 TX 1250
	0023	WPVt 6 PA			(New Uln LPTV-TBN)		1627	KBTX	3 TX 1040
	0028	unid ch 6 CBS		0245	St. James MN chs		1637	KRIS	6 TX 1250
	0030	=WSTM 3 NY 814			32,44,48,52,54		1638	WWL	4 LA 1076
	0032	KYW 3 PA 947		0246	K20AD 20 MN 204			KPRC	2 TX 1095
		(Yet again!)			(Worthington KSTP- 5)		1645	KMOL	4 TX 1155
	0038	WFSB 3 CT 1011			K30AC 30 MN 184		1656	unid channel 2	
	0045	WNYWt 5 NY			(Marshall KSTP- 5)		1659	WCTV	6(FL)1102
	0049	WCBS 2 NY 976	13 Es	1720	WRAL 5 NC 976		1714	WWL	4 LA 1076
	0051	WGRZt 2 NY		1721	WCYB 5(TN) 804		1718	unid ch 5z	CBS?
	0104	WIVBt 4 NY		1727	unid channel 3		1720	WBRZ	2 LA 1036
	0133	&CBFT 2 PQ 907		1729	WWAY 3 NC 1081		1723	WTVY	4(FL)1049
	0146	WNBCt 4 NY		1732	WTVRt 6 VA		1728	WDSU	6 LA 1076
	0230	skip about gone			WCBdt 2 SC		1729	WABG	6 MS 830
	0159	&CBFT 2 PQ brief		1733	WFMY 2 NC 917		1821	WCTV	6(FL)1102
	1608	CFAC 2 AB 1072		1800	WCBd 2 SC 1094		1823	WUFT	5 FL 1217

Michael Parks (continued)

July 1987	20 tr 1902	WLUC	6 MI	246	31 tr 0055	WISN	12 WI	272
2 Es 1457	Es 1957	KENW	3 NM	981	2232	KDSD	16 SD	301
1559	21 tr 0405	St. James MN	chs		2258	KYNE	26 NE	340
11 Es 1813		32,42,44,48,52,54				KPTM	42 NE	359
14 Es 1630		Willmar MN	chs		2334	KMEG	14 IA	287
1844		14,42,46,48,50				KSIN	27 IA	287
	0445	K45AR	45 MN	143				
		@K40AA	40 MN	153	August 1987			
1846		(Alexandria	KTHI-11)		1 tr 0133	KTAJ	16 MO	416
1847		0447	K66BA	66 MN 158	0135	KZKCT	62 MO	
1849		(Starbuck	KMSP- 9)			KSHBt	41 MO	
1856		@K64BG	64 MN 158			(Too much KXLI)		
15 tr 2158		(Starbuck	KTHI-11)		0142	KWQC	6 IA	282
16 tr 0032		(Rolling video)			0148	Willmar MN	chs	
0105		0448	K38AC	38 MN 153		14,42,46,48,50		
0407		(Alexandria	KMSP- 9)		0155	St. James MN	chs	
(Unknown		K34AF	34 MN 153			32,42,44,48,52,54		
LPTV?)		(Alexandria	KVRR-15)			K5OAB	50 MN	152
0502		0449	K24AE	24 MN 153		(St. James w/KWQC- 6)		
0525		(Alexandria	KSTP- 5)		0157	K39AJ	39 NE	388
0528		K20AC	20 MN 155			(Malcolm	LPTV-TBN)	
0530		0450	KDSD	16 SD 301	0226	WQAD	8 IL	283
Es 0534		0504	K21AK	21 MN 176	0230	K62AA	62 MN	151
1358		(Morris	SelecTV)			(Redwood Fils	WCCO- 4)	
1459		0513	K18AI	18 MN 139		K66BB	66 MN	151
		(Grand Rapids	KBRR-10)			(Redwood Fils	KMSP- 9)	
1558		0516	K26AC	26 MN 188		K64AC	64 MN	151
1600-1958		(Bemidji	KBRR-10)			(Redwood Fils	KTCA- 2)	
many unids		(Both x	SelecTV)			(Open carrier)		
17 Es 2102		0517	K59BT	59 MN 183		K60AO	60 MN	151
2116		(Donnelly	KMSP- 9)			(Redwood Fils	KSTP- 5)	
KVBC		0542	@K36AA	36 MN 153		K58AS	58 MN	
19 tr 1936		(Alexandria	WDAY- 6)			(Redwood Fils	SelecTV)	
Es 1944		22 tr 0127	KUSD	2 SD 292	2 tr 2300	Sioux City	chs	
KDSD		KESD	8 SD	232		4, 9, 14, 27		
2001		28 tr 2240	KDSD	16 SD 301	2301	KSFY	13 SD	254
KDLO		30 tr 2310	KDSD	16 SD 301	2303	KYNE	26 NE	340
2011		31 tr 0034	WSBT	22 IN 397		KPTM	42 NE	359
K30AC			WNDU	16 IN 397				
30 MN 184								
20 tr 1711								
W16AC								
16 WI 156								
(Land O'Lakes								
SelecTV)								
(Snow free)								
1902								
WNMU								
13 MI 246								
(Over WEAU-13)								

Some intense E skip blessed the first five days of June resulting in several new states: MD, MA, NY, CT, VA and DC (if that counts as a state). The opening on the 2nd surprised me by lasting well into the night; almost eight solid hours of skip. Most openings here die out by midnight. All in all, this year has been very good skip-wise compared to the last few years.

Regarding the unknown channel 25 on July 16: K25AA, Rock Rapids, IA, is in the right direction. Perhaps they were translating KSNT-27 while their primary KSIN-27 was off? Does anyone know if the KSN network has dropped Dr. Gene Scott in favor of "Caravan of Values" (another one of those ubiquitous home shopping programs)? Is K21AK in Morris, MN a channel change from K18AK listed in the WFTDA Translator/LPTV Guide or are they separate permits? They are quite strong compared to the nearby translators in Starbuck and Alexandria. What's their ERP? K39AJ also seemed to have a few thousand Watts as they too packed quite a punch. KSTP-5's translators in Redwood Falls and Marshall are still on even though they are only 15 to 20 miles from KRWF-43's transmitter near Vesta, Minnesota. There is also a KSTP translator in Granite Falls, about 25 miles from Vesta, which I assume is still on. W16AC has simplified their scrambling technique. They don't touch the audio or sync signals, but reverse the video so that the picture looks like a negative. I don't see where they'll get too many subscribers that way. They're perfectly watchable for free if you don't mind watching inverse video.

KXLI-41 is now transmitting with their full ERP. They had previously been at about half power since day one. The waveguide installed when the station was built was defective but was never replaced as they ran into financial difficulties soon after coming on the air. Besides replacing the waveguide, they finally got a decent character generator; they previously didn't even have lower-case ability! They've also updated their programming and are even running ads in TV Guide. The ads mention that KXLI-47 will be on the air soon. I'll believe it when I see it! All this upgrading is a result of the capital infusion of Halcom, Inc. to which L.E.O. Broadcasting has become a wholly owned subsidiary.

While they're getting better, WLAX-25 is getting progressively worse. Their signal-

Michael Parks (continued)

to-noise ratio is now about 10 to 15 dB worse on the average than WXOW-19 and WHLA-31's. The last couple of weeks their aural ERP seems to have been reduced to a bare minimum. Now I get to watch a picture full of snow and listen to WEEK-25, Peoria, whose audio is actually stronger than WLAX's most of the time!

On June 7th, a very severe thunderstorm came through here with winds probably in excess of 75 mph lasting about 15 minutes. Besides taking down three maple trees in the yard, it almost took down my antennas. The pressure on the northwest guy wires bent the quarter-inch diameter eye-hook to which they were attached to about 45° and cracked it almost a quarter of the way through. If the winds had lasted much longer, it probably would have broken clear through. I've never seen winds like that here before, and I don't care to again. I would imagine such wind speeds would be more common in hurricane prone areas such as the Gulf coast states.

(Glad to hear that your antennas stayed up! Regarding your speculation that K25AA may have been translating KSNT-27 on July 16 - I noted that very situation once last year. Regarding your question about K2IAK - this is indeed a separate permit from the one listed as K18AK. Both the FCC microfiche and Television Factbook list their ERP as 0.648 kW (TV Factbook says at 480 feet above ground). Since they list their transmitter output power as 1000 Watts, I wonder if their ERP is really 6.48kW? K39AJ's ERP is listed on the FCC microfiche as 52.9 kW. That is twice as much power as that radiated by my local full service station on channel 15, KVRN!! fm)

Randy Miltier, 1068 Fairview Avenue, San Jose, CA 95125

PDT

Equipment: 1986 23" Mitsubishi, 12" b&w Zenith, Channel Master 1160 VHF/UHF antenna and Channel Master rotor. Fisher VCR.

Well, this TV-DX season has to be one for the history books. DX has been almost non-stop since the beginning of June here. So far, I've added two new states with KUTV-2, Utah, and KTVK-3, Arizona. I also logged KREM-2, Washington, on July 29. Washington state is rare here. There seems to be a dome over Washington and British Columbia. The strangest DX occurred on July 16 when on channel 2 I had CFAC, Calgary, Alberta; and on channel 3, I had XHQ in Mexico.

I've sent a few reception reports out, and the return has been good. The only two stations I'm having problems with for verification are KENW-3, New Mexico, and KAVE-6 (KVIA), New Mexico. Can anyone offer some help on these two guys?

Has anyone experimented with VCR's as far as tuners go? I use a Fisher VCR and member Sally Ortega uses a Zenith VCR and the Zenith out performs the Fisher by a great deal. UHF stations come in 20% better on the Zenith VCR, and I use a more powerful antenna. Also, I play back all of my DX tapes on her Zenith because I see things on the Zenith I don't see on the Fisher. Incidentally, I just put \$90 into the Fisher for maintenance so it's not worn out. I guess the name Zenith still lives on. Does anyone have comments on VCR's? Just for information, the shop that worked on my VCR told me that TDK tapes seem to be the best to use. They don't seem to break down and leave deposits on the heads as the other brands do.

July 1987			11 Es	1700	KLNE	3 NE	1225	17 Es	1229	KFDX	3 TX	1331
3 Es	0957	unid ch 3 CBS		1730	unid ch3 Spanish			1237	KMID	2 TX	1170	
	1105	CFAC	2 AB	1023	1807	CFAC	2 AB	1023	1255	KENW	3 NM	1060
4 Es	2130	unid channel 3		1831	KTVQt	2 MT		1319	unid ch 4 CBS			
5 Es	1129	KSNW	3 KS	1335	1900	unid channel 3		1343	unid channel 5			
	1401	unid ch 2 NBC		14 Es	1650	KLNE	3 NE	1225	1345	unid channel 6		
7 Es	1145	unid channel 2		1655	KSNW	3 KS	1335	1359	KENW	3 NM	1060	
10 Es	1000	KSNW	3 KS	1335	1703	unid channel 2		1630	KSNW	3 KS	1335	
	1008	KWGN	2 CO	917	15 Es	1830	unid ch3 Spanish	1848	KOTA	3 SD	1082	
	1015	KLBY	4 KS	1122	1856	unid ch2 Spanish		1855	CFACt	2 AB		
	1026	KLNE	3 NE	1225	16 Es	1621	CFAC	2 AB	1023	18 Es	0857	unid channel 3
	1036	unid channel 6		1652	XHQ	3 SI		0928	CKCK	2 SA	1251	
	1037	unid ch 2 NBC		1709	unid ch 3 ABC			0959	KXMA	2 ND	1169	
	1042	unid ch 5 CBS		1723	unid ch2 Spanish			1958	XHQ	3 SI		
	1109	KRMAt	6 CO	1806	KTVK	3 AZ	620	2137	KSNC	2 KS	1263	
11 Es	1528	CKCK	2 SA	1251	1853	unid channel 2		22 Es	1358	CKCK	2 SA	1251
	1530	unid ch3 Spanish		17 Es	0829	KFDX	3 TX	1331	26 Es	1116	unid channe 3	
	1534	unid channel 4		1029	KLNE	3 NE	1225	27 Es	1033	CFACt	2 AB	
	1613	KFDXt	3 TX	1145	XEPM	2 CH	960	2049	unid ch2 Spanish			
	1622	KMID	2 TX	1170	1149	unid ch 4 CBS		29 Es	0904	unid channel 2		
	1629	KACB	3 TX	1283	1159	KSNW	3 KS	1335	0917	unid channel 3		
	1647	KLBY	4 KS	1122	1212	unid ch 4 NBC		1458	KENW	3 NM	1060	

<u>Randy Miltier (continued)</u>				29 Es 1626	<u>KWNB</u>	6 NE 1144	29 Es 1900	KMIDt	2 TX
				1635	unid	channel 5	1920		unid channel 3
29 Es 1531	KFDXt	3 TX		1657	KBME	3 ND 1256	1923	KENWt	3 NM
1552	unid channel 4			1700	XEPM	2 CH 960	31 Es 1247	unid ch 4 ABC	
1600	KTVc	6 KS 1182		1725	KREM	2 WA 749	1249	unid ch 2 NBC	
1620	unid channel 6			1830	KSNC	2 KS 1263	1253	unid channel 3	

I hope everyone is having a great season - 73

William Eckberg, 1032 Sterling Road, Dixon, IL 61021

CDT

Equipment: See July 1987 Western TV DX

July 1987

6 Es 1830	KMID	2 TX	967	16 Es 1200	WPBT	2 FL 1229	21 Es 1230	KATC	3 LA	809
7 Es 1700	WFSB	3 CT	842	1208	WESH	2 FL 983	1400	KENS	5 TX	992
1730	CKMI	5 PQ	938	1212	WEDU	3 FL 1031	22 Es 2000	KSNC	2 KS	537
8 Es 1900	WGBH	2 MA	918	1300	WUFT	5 FL 923	2055	KNMZ	2 NM	972
2200	WDIQ	2 AL	727	1500	WCBD	2 SC 797		KENW	3 NM	912
13 Es 2000	WPBT	2 FL 1229		2155	KENW	3 NM 912		XEPM	2 CH	1162
14 Es 1800	WSTM	3 NY 671		2200	KMID	2 TX 967	2100	KMID	2 TX	967
1830	WGBH	2 MA 918		17 ms 0430	WSTM	3 NY 671	23 Es 1945	WPBT	2 FL 1229	
2000	WCBD	2 SC 797		18 tr 0455	WZTV	17 TN 408	27 tr 0515	WOIO	19 OH	401
2035	WAY	3 NC 800		19 ms 0455	KPRC	2 TX 890	2215	WKSO	29 KY	405
15 Es 1800	KWGN	2 CO 811		Es 1000	WWL	4 LA 813	28 tr 0455	WSMV	4 TN	408
16 tr 0615	WKSO	29 KY 405		1030	WESH	2 FL 983	0525	WCAY	30 TN	408
0640	KNNE	29 NE 464			WJXT	4 FL 895	29 Es 1710	KPRC	2 TX	890
Es 1130	WCIX	6 FL 1229		20 Es 1230	WPBT	2 FL 1229	2105	KNMZ	2 NM	972
1150	WJXT	4 FL 895		21 Es 1200	WBRZ	2 LA 784	2200	KIDK	3 ID	1123
1155	WPTV	5 FL 1168		1230	KPRC	2 TX 890	2300	KUTV	2 UT	1139

Fred McCormack, 135 Prairiewood Drive, Fargo, ND 58103

CDT

July 1987

14 Es 1958	WCBDt	2 SC		18 Es 1653	KBCI	2 ID 960	29 Es (MUF	92.9 @ 2001-	SC)
(MUF	89.9 @ 1959-	SC)		1657	KUTV	2 UT 880	2005	unid ch 4 NBC	
2057	WDIQ	2 AL 1195		1729	KBCI	2 ID 960		(Over KXJB- 4)	
2059	unid ch 2 XEW			19 Es 0922	unid channel 2		(MUF	99.3 @ 2025-	TN)
16 Es 1924	unid ch 2 PBS			1026	WBRZ	2 LA 1185	2036	unid channel 5	
2000	KBTX	3 TX 1120		tr 1451	KRIN	32 IA 395	2101	unid ch 4 ABC	
2027	WBRZ	3 LA 1185		1608	KNHET	29 NE		(Over KXJB- 4)	
2127	KENS	5 TX 1218		1644	KCAN	8 NE 365	2141	WMC	5 TN 885
(MUF	92.7 @ 2140-	TX)		Es (MUF	96.7 @ 1850-	LA)	(MUF	107.9 @ 2150-	MS)
2158	KPRC	2 TX 1197		1959	KETS	2 AR 890	2222	KALB	5 LA 1115
17 Es 0900	KJRHt	2 OK		20 tr 0057	KCYA	8 MB 295	2227	KFSM	5 AR 795
(MUF	89.9 @ 0902-	MS)		Es 1800	unids chs 2, 3 s		31 tr 0723	WLAX	25(MN) 345
1000	KNMZ	2 NM 916		21 Es 1959	WSIL	3 IL 755	0728	WXOW	19(MN) 340
1000	KFDX	3 TX 901		(MUF	88.3 @ 2002-	LA)		WHLA	31 WI 340
1025	KNAZ	2 AZ 1120		2100	KATC	3 LA 1185	0757	K25AA	25 IA 245
1200	KBTX	3 TX 1120		22 Es 2028	unid ch 2 ABC			KHIN	36 IA 390
(MUF	107.9-1721)			23 Es 2025	WCBD	2 SC 1310	0758	KYNE	26 NE 390
(MUF	100.3 @ 1804-	TX)		2029	WTWO	2 IN 710	0800	KXNE	19 NE 320
(MUF	105.7 @ 1834-	MD)		26 Es 1934	WBRZt	2 LA	0810	KLJB	18(IL) 500
1836	KOAA	5 CO		28 tr 0549	KPTM	42 NE 400	0823	K58BS	58 MN 215
(MUF	107.3 @ 1907-	GA)		0545	KCCI	8 IA 385	(Minneapolis	LPTV-TBN)	
1927	unid ch 5 CBS			0551	KETV	7 NE 385	0848	KDUB	40(WI) 425
(MUF	100.3 @ 1933-	GA)		0554	KHIN	36 IA 390	0912	K22AE	22 MN 215
(MUF	106.9 @ 2008-	OR)		0556	KTAJt	16 MO	(New Ula	LPTV-TBN)	
(MUF	107.9 @ 2021-	FL)			(CCI to KDSD-16)		0915	KIIN	12 IA 445
(MUF	92.5 @ 2114-	UT)		0601	KSHBt	41 MO	0929	WTVP	47 IL 555
2328	unid 2 AB or BC			0602	K25AA	25 IA 245	0932	WEEKt	25 IL
18 Es 0858	unid ch 2 XEW			(Rock	Rapids KSIN-27)		0958	WWT0	35 IL 550
0900	KTVK	3 AZ 1230		0604	KTIN	21 IA 305	1016	K33AB	33 IA 245
0927	KENW	3 NM 965		0605	KDIN	11 IA 385	1019	WMSN	47 WI 440
hvy CCI o/WDAY-6					(Over KTHI-11)		1029	WQOW	18 WI 280
(MUF	96.3 @ 1002-	NV)		0616	WHO	13 IA 385	1100	WKOW	27 WI 445
1100	KMID	2 TX 1060		0617	K33AB	33 IA 245			
1300	KMID	2 TX 1060		(Sibley	KSIN-27)				
				29 tr 0204	KUMV	8 ND 340			

Off to WITFDA Convention at Elving's - Had A Great Time!

TV	DX	THIRTY	YEARS	AGO
TV	DX	THIRTY	YEARS	AGO
TV	DX	THIRTY	YEARS	AGO
TV	DX	THIRTY	YEARS	AGO

Compiled by John O. Broomall, Route 1, Broomall Trail, Waleska, GA 30183

Reader response requested — should this column continue monthly?

SEPTEMBER 6, 1957 Vol 4 #9 - EDITORIAL (Bob Seybold, President) - (Dues now \$3 a year.) I'm back again at the TV DX, safe, sound (and happy) after the hitch and honeymoon affair. We had a grand time; see I missed some hot DX, but when you gain something you usually lose or miss something—this is no exception! August 2-22 (particular Aug 20) good for skip and tropes.

"Free verse" from Tom Hidley, Chicago: "The Tweet, Tweet Birds" — Antennas are for the birds....We have as many as 15 heavy birds on antennas. The jaybirds said, "we will disturb their TV DXing...if they don't throw us some bread we will give them a rock and roll picture with a good scramble. We love good food." No golf — but it helps make a birdie. Keep your birdies happy — this will improve your TV DXing!

TECH NOTES (Schafer) - "Junkyards on the Roof." Damp and salt will rust any antenna in a year or two. Best brands: Channel Master, Winegard, Taco, Amphenol. Junk construction: JFD (their "Dodo" is a poor imitation of CM's Champion), Snyder, Walsco. Alliance best rotor but has poor back clamps, bolts, nuts, and a cheap gasket. Belden and Amphenol best lead. Most guywire too thin. Best insulators from General Cement. Use commercial hardware supplies.

A new TECH DATA page from Barney Rauch, IL, discusses "sky hooks." He praised Winegard CL4X with power pack as favorite of his and Art Collins, NY. Need 20 db gain for good DXing.

FCC NEWS (Collins) - Applications at a standstill except for channel/power requests — most don't materialize. Stations starting soon: WTAE-4 Pittsburg, OIAX4U Lima, Peru. Channel swaps in Florence/Charleston SC. Milwaukee's 15, 19, and 31 to 18, 24, 30. Other major UHF channel changes in Wisconsin. WLBZ-2 still verifying as WTWO-2. New grants: 7 in Buffalo, 13 (educational) in Dallas, TX, and 6 in Sacramento, CA. Twister flattened KBMY Radio tower.

RANK COLUMN (Spaulding) - New member Donald Ruland, FL, gave sign on/off of 15 FL stations. He has logged 89 stations including KPIX-5 CA at 2430 with 500 mile NC high band tropes. Ed Rugel, KS, has logged 187, verified: 187, 39 states, 5 provinces, 4 countries.

EASTERN DX (Seybold) - Twenty-six reports on three crowded pages. Ferdinand Dombrowski set a personal record with 52 stations August 9; log at 136 with 12 new. Bill Nieman got 20 new (log at 115) including audio of 7 via aurora, while brother Dave has 148 with 18 new. Longest report from B. J. Bingham, MO, who reported 700 mile tropes July 30; 600+ mile tropes on Aug 13, 16, and 18. Log 198 with 12 new. Frank Wheeler, PA, reported aurora on Aug 22, 23, 27. Very short report from Seybold with no new stations.

WESTERN DX (Johnson) - Only six reports filling two pages, including a DXpedition to Mount Ashland and various vacation visits by DXers. After five attempts, and a two-page letter to the president of CKCW-2, NB, Doris Johnson finally got a verification from station.

INTERNATIONAL DX (Simkin) - Heinar Tammet, Estonia; reports DX from England, Switzerland, West/East Germany, Italy, Holland, France, Rumania, Hungary, and Czechoslovakia. New member Ron Hilding, AZ, logged XEW-2 slide on channel 3. Stan Penc, NY, has ordered an "all band" European TV set. John Broomall "checks in with the best IDX log from the US since Bedford Brown last DXed: HIT Dominican Republic on 2; 85 Es logging this summer including 16 Cuba, 5 Puerto Rico, DR, and 13 Canada with Es on 50 percent of days; 40 percent foreign."

Congrats to Bob and Carole Cooper on their wedding. Ferdinand Dombrowski asks about copies of European TPs. Gordon gave a full page of detailed F2 predictions with a complete analysis of his successes and failures last year on his 1957 predictions (he was quite accurate).

SPECIAL FEATURES/DXING HINTS (Broomall) - This new column included a feature on electronics wizard Gordon Simkin, noted for his international DX, equipment modifications, and F2 predictions. Gordon used super wide band tuners (and TV) in his car but had no "ordinary" TV at home!

Suggestions for improving the AIPA included regional conventions, more DX tests, and getting members to submit more material to the bulletin. One response to question of the month, "what would your ideal DX setup be?" was "equipment like Bob Seybold's!" The Exchange Column offered a brand new Raytheon 6CX8 tube and Zenith cheater cord. Ron Hilding wanted a "Pen Pal" and Stan Penc said he was interested in stamp collecting. Welcome to youngest members — brothers 11 and 12 respectively who started with a log of 19 stations.

TELEVISION NEWS

FORUM

Bill Fabber, editor
336 Atlantic Street
Bridgeton, NJ, 08302

DAVE NIEMAN (Akron NY) writes, "WNYB-49 Buffalo never made it on the air July 1st as promised. An article in the *Buffalo News* now puts their startup date as September 1st. I can't see them ever making it on the air. What did make it on is a channel 41 LPTV station in Utica, NY which carries the TRINITY BROADCASTING NETWORK (TBN) 24 hours a day. Watched them for hours and seen no station ID."

Dave also sent an article from the 6/28 *Syracuse Herald American*: "By fall, there may be another independent commercial station joining the airwaves - and it will be locally owned and operated." Gerald E. Devine...with Virginia Beach, Va., attorney James L. Oyster, are planning a television station that will broadcast on Channel 43 - pending Federal Communications Commission approval. Late last week, Devine was working out a deal with Oyster, who had also applied for a construction permit to broadcast on Channel 43, to smooth the way for the new station." "Devine had planned to build a broadcast antenna and studio at 1938 East Fayette St., according to the FCC application, but that may change with the partnership. The proposed 90-foot tower - small by most broadcast standards, with stations usually sporting a 1,000-foot tower - would broadcast a signal that would reach the core population of Syracuse. Seven television channels have been allocated by the FCC for the Syracuse area.... Channel 43, along with Channel 56, are what's left for this area. Susan K. Panisch of Easton, Conn., has an FCC-approved construction permit for Channel 56, but sources who declined to be identified said Panisch was interested in selling the permit. Panisch, in a telephone interview, said, 'I'm exploring a lot of different options as to what to do with it, and that's all I'm going to say.'" "Experts predicted rough going for a new independent in Syracuse, given the saturation of superstation-bearing cable television, but many thought one could survive. Most doubted more than one could turn a profit."

An article from **JOHN COMBS** (Jacksonville FL) leaves me puzzled. It's from the 7/3 *Florida Times-Union/Jacksonville Journal*. "Two major television networks have asked their Florida affiliates to black out some nationally broadcast commercials to protest a new sales tax on advertising and other services. CBS and NBC have asked local television stations across Florida to run in place of the targeted commercials either public - service announcements or the stations' own

advertisements. The blackouts were requested by the advertisers, Kimberly Clark, Johnson & Johnson and Rustoleum, said Bob Foss, head of the Florida Association of Broadcasters. Bruce Haggerty of ABC's affiliate relations said ABC has agreed to advise affiliates of requested blackouts as long as the advertisers tell the company two weeks before the ads are to be aired. That will give the stations time to sell the spots locally or to line up public - service announcements, he said. Because ABC is allowing affiliates to sell the time locally, those affiliates will be able to earn additional revenue from the blackouts...." "Network affiliates also will suffer if they refuse to black out the ads...." "A law signed by Gov. Bob Martinez on April 23 extends Florida's percent sales tax to dozens of previously untaxed items and to services such as construction, advertising, pest control and lawyers' fees." My understanding is that advertisers pay the networks to carry their commercials alongside the programs they sponsor, and that the networks pay the affiliates to air the programs and commercials. If that is the case, I assume the affiliates do not receive any money from the advertisers. So what is there to be taxed? And even if the advertisers pay extra to the networks, isn't it still to their advantage to advertise? Also, I don't pay sales tax for mail order purchases from other states. Why would a non-Florida company have to pay Florida sales tax for business transactions probably done by mail or radio wave? I hope somebody could explain this to me.

John also writes, "I've had pretty good success with logging channel 6 E-skip audio in my truck FM while mobile. Does anyone manufacture an in-dash car stereo unit that includes at least VHF-TV audio? Such a unit would be nice to have when one has to be on the road during a skip opening and the MUF hasn't reached FM." Anybody out there know of one?

From **ERIC BUENEMAN** (Hazelwood MO?): "St. Louis television seemed to be very mundane and boring before KNLC - 24 signed on September 12, 1982. A broad range of Christ-centered programming (some of it locally-produced) was brought to the St. Louis area with the debut of KNLC-24. One of these programs is a locally-produced show called 'Here's Help.' This show puts prominent St. Louis religious and public figures and social service personnel on the air, and has exposed many different social dilemmas (example: teen pregnancy, alcohol abuse and the AIDS epidemic). The problem 'Here's Help' continuously focuses on is the homeless in St. Louis. Homeless people

come to the cameras and are interviewed by Larry Rice, KNLC's president, [who] asks them how long they have been out of work, homeless, what kind of work they can do, and what they are looking for as far as housing goes. Some of these men go into New Life Evangelistic Center's broadcasting program, where they learn how to operate cameras, dub and edit video tapes, do logs and listings and operate the master control panel. KNLC started out with 1,466.7 kw, which didn't get a good picture to my QTH. All of the camera operators and other behind-the-scenes workers were previously homeless, and go on the jobs in Christian, public or commercial television. KNLC - 24 has a sister station, KNLJ-25 in Jefferson City, MO, which KNLC's old transmitter now powers. KNLJ signed on March 30, 1986 (Easter Sunday).

'KMOV... is the correct call for local Channel 4 (St. Louis MO -wbf). In other local news: KTVI-2 is rumored to be up for sale, as their ratings slipped. The only bright spot in the ratings is at 10:30 p.m., where MMAXSH is still on top. At 9:00, on the other hand, [KTVI] is lower rated than even KETC-9, and the only station lower rated than the Times-Mirror owned station (? -wbf) are KDNL-30 (with the money-begging PTL) and KNLC - 24 (Richard Roberts). KTVI should be a possible takeover target for Capital Cities/ABC.

'Illegitimate Claims Deptment: K56CA claims to have a coverage from St. Charles in the west to Highland in the east, Alton in the north to Arnold in the south (about a 25 mile radius -wbf). In actuality, K56CA cannot even get out to Spanish Lake, Caseyville or even south St. Louis! They also claim to have a potential to become a full power station, but with WRSP - 55 Springfield, IL, K56BX Steelville, MO and W57AO Robinson, IL now on, forget it! Its ERP and height above ground are a big handicap. It is 1.24 kw ERP at 480 feet above ground level. K56CA could be killed within three years by KNLC-24." Actually, WRSP-55, being on an adjacent channel, only needs to be 55 miles distant. The other translators don't count: anybody can get authorization for a broadcast station and force interfering translators and LPTV stations to shut down. The only problem I would see is with a vacant channel 48 assignment in Sparta, IL, from which its transmitter must be at least 60 miles. St. Louis is only 50 miles northwest of Sparta, so K56CA would have to move its transmitter ten or more miles NW of St. Louis and increase its ERP to cover the city within its city grade contour.

"By contrast, K52AY operates at an ERP of 8.8 kw at 560 feet above average terrain. It can get out to my QTH sometimes in color! K52AY is the Univision affiliate in St. Louis with ALL SPANISH programming. K52AY is more likely to power up than K56CA, as the only

adjacent-channel station near K52AY is WEIU-51 Charleston IL. So, K52AY could 'power up' to as much as 3000 kw, and change to a four-letter call." Looks good, as long as somebody more qualified to operate a broadcast station doesn't come along and say, "I want that channel."

RALPH STROBEL (Muncie IN) sent a clipping from the 7/8 Muncie Evening Press: "Low-power television station W32AC-Channel 32 has applied to the [FCC] to increase the power of its signal from 100 watts to 1,000 watts, according to a member of the station's board of directors. The religion-oriented channel... has a transmitter south of Muncie on Ind. 67. The channel's programming consists of PTL broadcasts with local announcements inserted during PTL's network breaks." I wonder how long that's going to last.

JOSEPH FELA (South Plainfield NJ) writes: "WNET-13 will be going 24 hours a day starting in September. It should be interesting as they are using only a single transmitter (no back-up) and, I'm told, they have that pushed-up to maximum.

"A question fo members. I've been told that there is reason to believe that as part of the Radio Marti operation, the U.S. government is beaming television programs clandestinely into Cuba. This supposedly is being done periodically from 'International waters' offshore. Supposedly the programs were beamed to different parts of Cuba at different times. The question is, do any WTFDA members know for a fact that such transmissions have or are taking place?" Sounds to me like maybe some Cubans have taken up DXing as a hobby and discovered E-skip.

"The above, plus Radio Marti on 1040 or VOA on 1180 from Marathon, FL beamed to Cuba may have in interesting bearing on pirate radio beaming into the U.S. in the future. Seems the FCC shut-down 'Radio [Newyork] International' on the basis of illegally broadcasting into the U.S. from offshore without permission, in violation of international treaty. However, if the U.S. is doing that to Cuba, the validity of this argument is greatly diminished and perhaps nullified." Don't believe that "international treaty" nonsense. The FCC just wanted to shut them down. I believe WARC - 79 expanded the AM band from 1600 kHz to 1700 kHz, but I'm not sure if the United States ratified that portion of the treaty, and I'm certain the FCC never incorporated that into their table of frequency allocations. I believe Radio Newyork International was operating on 1620, which means they were within the bounds of international treaty. And Radio Marti is nothing new. The United States has been beaming VOA and AFRTS to Cuba for some time, and they have been bombarding us with Radio Habana and Radio Moscow. And I remember back in the late sixties a certain little station called Radio

Swan somewhere in Central America ("La voz de la verdad para todo el continente") which beamed anti-Castro propaganda to Cuba on a split-channel on the AM band. It turned out to be a CIA operation.

"I'll put this in my own column but personally I find it appalling that the FCC apparently was busy damaging or destroying equipment aboard the R.N.I. ship after they boarded it Tuesday morning. I was under the impression one had to be found guilty first in this country." Yeah, but they were outside the United States. Besides, I'm sure the FCC was able to find them guilty without the court's help.

RONALD PURDUE (Byron MN) sent a few articles on KXLI and KXLT in Minnesota. The 3/27 *Rochester Post-Bulletin* reports that a group of investors called Halcomm Inc. is acquiring television stations KXLI (Ch. 41, St. Cloud MN) and KXLT (ch. 47, Rochester MN, still under construction). Present owner Walter Goins is a shareholder in Halcomm. The article reports, "At the start, Channel 47 will receive Channel 41's programming through a simulcast signal with additional programming to be added later." That is, it will start out as a satellite of KXLI, but will later start originating some of its own programming.

The 7/10 *Rochester Post - Bulletin* reports that KXLT plans to sign on the air August 10. "The producers of the KXLT signal in St. Cloud say viewers can expect a station in transition when new programming reaches the screen here. The station's format, relayed on from St. Cloud, will include North Stars hockey games, movie classics and syndicated shows that have ended their first runs on major networks." Interesting how two writers can describe the same programming two different ways. "The station holds a Federal Communications Commission [construction permit] for high-powered broadcasting. But for the immediate future, owners of KXLT's parent station...will broadcast here at 5,000 watts, just enough power to carry the signal to outlying areas like Zumbro Falls, Dodge Center and Spring Valley, where viewers will need UHF antennas to pull in the signal." Anyway, I said some years ago that the XLT in KXLT stands for xltr., which is about all KXLT will be.

The 7/3 *St. Paul Pioneer Press* reports proposed improvements in the signal of KXLI (Ch. 41, St. Cloud MN): "No later than July 10, station officials promise, Channel 41 will have completed its transmitter improvements, and a much clearer signal for all viewers, broadcast and cable, will result. Until Halcomm Inc. merged with KXLI's ownership on June 1, there wasn't much reason to care whether Channel 41 could be seen or not. Its movies were mostly public domain discards, and its series were bottom-of-the-barrel

syndication leftovers. With new ownership comes new money, however. Channel 41 quickly bought the rights to air North Stars Hockey away from KITN-TV (Channel 29), and the station's movies and series have already improved noticeably. This fall general manager Ron Eikens promises further programming upgrading." Now here comes the Sour Grapes Department: "According to Channel 9 station manager Stu Swartz, Channel 41 is continuing to get a bargain on its program purchases - a bargain that he says the FCC should put a stop to. 'I have a filing at the FCC saying that KXLI should be considered a Twin Cities station for purchasing programming,' Swartz said. 'I think their purchasing the North Stars rights away from KITN substantiates my position.' Swartz figures if KITN is allowed to pay St. Cloud prices for programming that already runs on Twin Cities-based stations like his, a Twin Cities-based station ought to be able to carry the North Stars games, too." Now his motive becomes more obvious. But on the other hand, here's KXLI's defense: "Eikens is all too familiar with the argument that KXLI should be classified as a Twin Cities station. 'That's the scenario they explain to syndicators,' Eikens said. 'On the other side of the coin, they tell agencies and advertisers we don't deliver the Twin Cities market, and therefore we're not an effective media buy.' Getting back to the first part of the article, Ron asks, 'I also wonder if KXLI channel 41 really had FCC approval to increase their power and HAAT?' I can not find that in the TV News column." I can't find any record of a grant, or even an application to change from their authorized 2770 kw. The data base from Larry Fuss shows nothing either. Maybe the station has been operating at reduced power because of faulty equipment and they're upgrading it to their authorized limit. Ronald writes, "Here is something that I am concerned about. It is about KVBM channel 45 in Minneapolis, MN. I wonder if it will be a commercial channel or a religious station? Please help me on that." To start, I never had any calls on them yet. Where did KVBM come from? As for the station, its owner, Vision Inc. is a nonprofit, nonstock corporation, which sounds like a religious organization. Which doesn't mean it will be noncommercial, however. There is little difference in independent commercial stations, which air a lot of religious programs, and most Christian stations, which air a lot of syndicated programs. The Christian stations tend to avoid syndicated programs that are heavy on sex, violence and profanity. Family Stations, Inc., which owns several FM stations across the United States and operates them as if they were strictly noncommercial, is presently expanding into television, and most likely will have educational religious

programming on a noncommercial basis.

One other area Ronald addresses: "I don't see much of the TV News column in the VUD, just Forum in the 5/87 and 7/87 issues of the VUD. What has happened?" A few things happened. Two months this year the column didn't appear: one because I couldn't make the deadline, and the other because of the land surveyor examination I was preparing for (parts of which I will have to take again in October, so don't look for a November column). The data section didn't appear in a few months because I was unable to get the research done. As for what happened last month, I don't know. Either the VUD was already too big with all those DX report columns (That's what happens when you have a super DX season), or the column reached the printer too late (I thought I mailed it early enough). If it doesn't appear in this month's column, then it got lost, and I'll reprint what I can salvage from my files next month.

RANDY MILTIER (San Jose CA) sent an article from the 7/16 *San Jose Mercury News* on a proposed antenna tower in that area: "A proposed 657-foot television tower on Monument Peak that would clean up the ghosts and fuzz from KICU-TV's picture could become a hazard to light aircraft, sailplanes and hang gliders soaring above the Alameda-Santa Clara county line. KICU-TV (Channel 36), searching for more viewers to boost ratings, and East Bay Regional Park District officials, trying to consolidate antennas on the 2,600-foot mountaintop overlooking Warm Springs and San Jose, are promoting the tower. But local aviators say the tower, which would reach about 300 feet higher than the station's existing antenna, poses a hazard. And others claim the big tower would add to 'visual pollution' of the area." Visual pollution? That's a new one on me. Does that mean that the fluid in my eyeballs could become contaminated if I look at transmitter antennas too long? (Please excuse my vitreous humor, folks.) "With KICU's existing lease expiring this year, and the contracts for KSTS-TV (Channel 48) and KTEH-TV (Channel 54) ending in the next 11 years, all three San Jose stations would put antennas on a single KICU tower, according to the park plan." "But the [Park] district has no guarantee the other stations will join KICU. The district does control new leases, but Lynn Bowers, the district director representing southern Alameda County, said it won't be easy to force an unwilling station to move. Should the stations object to the move, he said, 'we do not have the ability or the political determination to terminate the leases.' KTEH...does not look forward to high expenses for a new tower."

Local observations from **WENDELL FORD** (Westville IN): "WSNS-44 Chicago [is] still Univision as of 7-15." What? I thought

WCIU-26 was Univision. If WSNS is Univision, then what is WCIU running? This looks like some more corrections on the NATVDB.

"Since late May '87 have noticed a low-powered channel 13 W3BE in Chicago playing only music videos, commercials consisting of mail-in offers have a Milwaukee, Wisc. address. I live 60-75 miles SE of Chicago & can only pick it up at night after WTHR Indianapolis signs off. Even then WKEX Rockford sometimes overrides it. This station's audio is louder than any other station on the dial. When I turn volume down to enjoyable level, other stations are silent. Never have received station strong enough to be in color. Also station never verbally IDs. Only says TV-13 Chicago."

A clipping from the *Gary Post-Tribune* reports, "A Fort Wayne-based religious television station could be on the air by this fall if the [FAA] gives it permission to begin building a transmitting tower in Ohio farmland this week, a local minister says. WINM-TV, Channel 63, would be operated by Manna for Modern Man Ministries Inc., a non-profit corporation organized by leaders of Calvary Temple in Fort Wayne." Wendell comments, "looks like WINM-63 Angola, Indiana is moving to Fort Wayne." Not at all. One of the qualifications of a newspaper reporter is that you fail geography.

Another article reports that WYIN-56 in Gary IN is still raising funds and expects to be on the air this fall.

BILL DRAEB (Kewaunee WI) writes, "On 7-16 I saw WLLA-64 Kalamazoo, Mi. for the first time. They gave their ERP as 1.433 megawatts and the antenna as 905' A6 & 957' AAT. I suppose this is possible but they don't appear much stronger than WGVK-52 down there." ERP agrees with latest permit modification, but it should be 1000' AAT and 852' A6. As for its weak signal, maybe they are testing equipment. You didn't say if they were programming or transmitting test patterns. For the record, WGVK-52, which Bill mentions, is only 44.36 kw, only 414' AAT, and is about 20 miles SSW of WLLA.

"On 7-19 I saw WNEQ-23 Buffalo and WNYB-49 Buffalo. They were both snow free. WNEQ-23 was running 3/4 color bars with call in lower right corner. WNYB-49 just had an I.D. slide on, apparently testing. On the morning of 7-25 at 0547 CDT I had a TVO (Television Ontario) I.D. slide on ch.15 which I assume was CBCQ-1 (Temagami, Ont. -wbf). I notice in the new station guide, no specific network is given for that station other than the anik satellite." (It's CBC English; it just picks network feed directly from Anik.

"Also, on 7-25, WSCO-14 Suring, Wi. went off early that night around 2230 CDT. I haven't seen them come back on since (1 week ago). I wrote a letter to VCY in Milwaukee (the owner) to find out what's

going on, but no answer yet. Also, on the last couple, maybe three openings to the Iron Mountain, Mi. area I noticed that the ch.67 translator which was carrying WX62-32, isn't on anymore. Also, on 7-27 at 0753 I saw a new translator or LPTV station testing in Grand Rapids, Mi., W59AZ. They were running a continuous message that rolled vertically which said: 'You are watching W59AZ Channel 59 UHF, your community connection. Channel 59 will be bringing you programming from our community in the very near future. Channel 59 is licensed to the U.A.W., Grand Rapids Mi.' Later on they showed an address to write to for more information about the station. It is: Channel 59, 6160 Broadmoor, Caledonia, Mi. 49316. I wrote to them but no response yet.

'Also, on 7-31 while watching Good Morning America on ABC they mentioned KOUS-4 (Hardin MT -wbf) and KYUS-3 (Miles City MT -wbf) which are now carrying the program. Who did they swap networks with?' There isn't any ABC affiliate near Miles City, so KYUS is free to affiliate with ABC. Hardin is too close to KULR-TV ch. 8 Billings for them both to be ABC. So either they switched or KOUS is airing ABC programming dropped by KULR. I haven't heard of any network switch yet.

Caribbean updates from RICHARD CLARK (La Vega, Dominican Republic), starting with Puerto Rico: WRWR-TV (ch.30, San Juan PR) is now Univision affiliate, formerly running movies. WSTE (ch.7, Ponce PR, formerly WLUZ-TV), "When they changed call letters?" Probably around February, 1987. "Now the weakest VHF in Puerto Rico!! Only a super tropo will bring them in now." I have no record of any major change for them. Maybe equipment maintenance? Richard reports that W08BM Mayaguez is now LPTV, might be repeating WSTE-7. He also picked up a channel 35, probably around Ponce, possibly a WSTE repeater. It is not listed in the 1987 TV Factbook, and I have no information on it. W10B6 Mayaguez repeats WORA-5, which used to be repeated by W08BM. WJWN-TV (ch.38, San Sebastian PR) is on the air, same as WSJN-24 San Juan: all news in Spanish.

Dominican Republic updates: HIN-TV, ch. 7, now Pico Santiago (ex - Santiago city). "They get out very good now." HICI (ch.6, El Mogote) is off the air permanently. "force off the air by the government and ch.5-HISD in Alto Bandera. How can a 100 watts ch.6 be a problem for a 6,000 watts ch.5?" It's called competition for viewers. HIJB-TV, ch. 13 is now permanently El Mogote, no longer Santiago, after switching back and forth for a full year. I think that is a Tele Antillas repeater for HIJB-TV, which is ch. 2 in Santo Domingo. Be sure to make these corrections in your NATVDB.

NATVDB corrections from ROBERT GRANT (Detroit MI): Channel 2: KATU (Portland OR) is ABC, not NBC. Vacant assignment in

Jackson WV should be Jackson WY. CKND-TV-2 (Basswood Manitoba) is 99 kw, not 0.099 kw. Channel 3: KBTX-TV (Bryan TX) "I don't think s-KWTX-10 as I have never seen any reference to KWTX or KBTX during Es openings." The SRDS book lists it as an S-2 satellite, but I could never figure out what that means, but I think it should still be listed as a satellite unless somebody gives me more information on that. Channel 4: Oak Hill WV station WOAY-TV reads, "Beckley OK asgt?" Haven't you ever heard of deregulation? Actually, that should be Beckley WV. Channel 7: WNEV (Boston MA) is on the air, so add that little arrow. Channel 8: Cleveland OH station "definitely WJW-TV (not WJZW-TV) and zero offset. I suspect omnidirectional." Larry Fuss' latest data base agrees with all of the above; Code of Federal Regulations agrees with offset also. Channel 11: KSN6 (Garden City KS) is not s-KAKE-10. (SRDS agrees) Channel 13: "TX Laredo KQTV s/KZTV, not P-KZTV." SRDS has neither; are you sure?

Comments and news from Robert: "Interesting thing happened during an Es opening 7/17...had a ch.6 station with Kansas [weather] map and "newswatch 12," zero beat to WLNS. Both old and new books had KTVC (Ensign KS -wbf) as + with WLNS (Lansing MI -wbf) as -." "Called KTVC chief engineer: 'we are minus...we were a 'domino' when a new station in Ark. went on...but we will switch back to plus when any chg. in Junction City goes on the air... Tulsa didn't want the new assignment because we would mess them up if we were +.... We had no problem with Denver....' He also verified my logging of KLBV-4 (Colby KS -wbf), back on the air.

"Closer to home: I see no sign of any progress about WADL. The ch.38 CP at Mt. Clemens it seems to be forgotten just like the 500-odd other incomplete UHF CPs. Could you tell me where the CP TL is so I know where to look?" If you have a geodetic map (check your library or county engineering department), plot the coordinates 42°36'25"/82°54'44". "There were applications for this assignment ten years ago. Now the UHF boom has gone bust and WADL might never go on the air, the CP will be cancelled, and the whole process of litigation will repeat itself. There has to be a better way. And I do have an idea - when a consolidated hearing arises which is likely to take a long time, applications could be taken for neutral builders who would specify TL, engineering details, and the price at which the facilities would be sold to whoever wins the consolidated hearing. A neutral builder - chosen when offering a technical facility satisfactory to all applicants (CP, that is) at a reasonable price, would build the tower, transmitter and STL receiver, and earn a small profit when it sells the facility to the winning party, building the xmtr facility while the station applicants

are in litigation. This way, the transmitter facility will be waiting when the station permit is granted. If this were done with the Mount Clemens scenario, WADL would have been on the air two years ago. (I would like to see this in FORUM, for comments from other members). Here are a few: WADL would have been on the air two years ago, but off the air in a month. Obviously, they don't have the money to invest. Also, what if a non-profit group wants to build a small, inexpensive station and do much of the construction themselves to save money? Your idea would deprive them of that. And if the permittee goes bankrupt, or dies, or a partnership dissolves, the contractor would be left holding the facilities with no return on his investment.

"I see in front of WDIV's (ch.4, Detroit MI -wbf) tower 'For sale - acreage' signs. I wonder if that means WDIV is going to a new tower." No change is planned. Maybe they're subdividing the land and selling off pieces of it for farmland.

"[Circular polarization] has a profound effect on getting WGRZ (c) through WJBK (h) on indoor antennas during Tr openings."

"Getting back to carrier offsets, I have what may be an interesting observation. Many stations vary in frequency within their offsets gradually from moment to moment, some seem to gradually drift in one direction, up to a point, then shooting suddenly to the other 'side' in the other direction, immediately resuming the slow drift in the first direction. This produces CCI that seems to fade in and out! I find that whether the beat is near zero, 10kHz or 20kHz, the CCI is least perceivable when the difference in carrier frequencies is an odd multiple of 29.97 Hz. This is because in each video field the undesirable signal is out-of-phase with the same point in the preceding and next (or upcoming) video fields. Put another way, the odd and even-numbered video fields cancel each other out. Now some stations are doomed to share the same offset despite proximity to each other (for example WAOW and WWTV). I believe these stations could greatly improve fringe reception by maintaining a 30 Hz difference in video carrier frequency - no FCC approval needed! One problem that still could occur is that if the unwanted signal is too strong, the CCI beat could wipe out the horizontal blanking interval for half the picture, causing it to be unstable. One of the two fields would be unsteady. I've seen it before with a 30 Hz beat.

"I don't see the logic in the mention of satellite stations on offsets - if a satellite station receives its programming from a microwave link or a receiver with a video detector circuit - the only factor governing the carrier [frequency] of the satellite station is the oscillator of the

satellite station's transmitter, which is required by law to conform to an offset frequency. Only a translator that converts and amplifies a station's entire signal - without detectors nor modulators - could have its output carrier [frequency] affected by its input carrier [frequency], and I don't think any translators do this. Certainly not any full-power satellite stations - the linear amplifiers required would be humungus and inefficient."

From MATT SITTEL (Kingsport TN): WLIO-35 (Lima OH -wbf), according to the Toledo-Lima [TV Guide], is (NBC,ABC) but the ID has just the NBC logo on it. I looked but didn't see any ABC programming on them. Are they possibly just NBC now? That's all I have them as, according to SRDS. Maybe they air ABC programs on a per-program basis?

"WJZY-46 (Belmont NC -wbf) is now on; I've heard frequent ads on WPEG-37.9. I'm not sure exactly when; I think early July. Quite a few movies scheduled plus baseball.

WCTE-22's (Cookeville TN -wbf) signal is much stronger in Nashville now - seen 7/2/87 with a much better signal - can be seen in Knoxville. Their power increase is really getting them out - its tropo catch possibilities should be greatly increased.

"WJAL-68 (Hagerstown MD -wbf) is now on; seen with programming 6/17/87 near Mechanicsburg, Pa. Independent programming." I have no trouble getting in Hagerstown 25 and 31, but I have yet to get a trace of 68 here in Bridgeton.

"WCYB-5's (Bristol VA -wbf) power is 83.2, not 85.1 [kw ERP].

I still have a lot of articles from W.R. McIntosh and Dave Sinclair, which I'll save for next month. A last minute letter from Bill Draeb confirmed that WSCO-TV (ch. 14, Suring WI) is off the air as a result of a tube failure in their transmitter. I will catch up on the research next month. I imagine this month's VUD is going to be thick, what with all the DX reports and two of my columns.

I decided to try Fontmaster II on this month's column. At first I was ready to give up, but I eventually managed to iron out most of the bugs. There are still a few things about it I don't like. I made up my own block and script fonts for this column. I hope it's more legible.

* * * PUBLISHER'S NOTES * * *

WTFDA CONVENTION HAPPENINGS! THE DULUTH, MINNESOTA AREA WAS THE PLACE TO BE FOR WTFDAERS IN EARLY AUGUST. THE 1987 WTFDA CONVENTION IN HOSTED BY FCC FM NEWS EDITOR DR. BRUCE ELVING, FEATURED PLENTY OF E-SKIP FOR ATTENDEES, AMONG THE MANY OTHER ACTIVITIES. MANY THANKS TO THE ELVINGS FOR HOSTING THIS YEAR'S CLUB GETTOGETHER!

BID NOW FOR WTFDA CONVENTION 1988! IF YOU WANT TO BE THE HOST OF NEXT YEAR'S CLUB CONVENTION, NOW'S THE TIME TO BID. SO FAR, WE'RE HAPPY TO REPORT ONE OFFER, BY VUD FEATURES EDITOR JOHN BROOMALL IN NORTH GEORGIA. IF ANYONE ELSE IS INTERESTED IN BIDDING FOR NEXT YEAR'S CONVENTION SITE, THEY MUST NOTIFY CLUB HEADQUARTERS IN WRITING BY SEPTEMBER 30, 1987. IF MORE THAN ONE BID IS RECEIVED BY THAT TIME, A MEMBERSHIP VOTE WILL DECIDE; OTHERWISE, THE SOLE BID WINS.

WTFDA SUPPLIES AVAILABLE AGAIN SOON WATCH FOR NEWS ON THIS IN A FORTHCOMING VUD. TAKE NOTE: WE HAVE A VERY LIMITED SUPPLY ON SOME BACK ISSUES, AND WE EXPECT THAT THE WTFDA NORTH AMERICAN TV STATION DATABASE WILL SELL OUT SOON.

WHAT A S-ES-ASON!!! THE NUMBER AND SIZE OF RECENT DX REPORTS IN THE VUD HAS COME CLOSE TO THOSE OF THE "CLASSIC" LATE 1970'S SEASONS, ESPECIALLY 1977. JUST LIKE THAT YEAR, E-SKIP HAS CONTINUED ON RIGHT INTO AUGUST WITH LITTLE SIGN OF SLOWING DOWN. THIS MAY WELL END UP BEING ONE OF MANY E-SKIP DXERS' FAVORITE YEARS.

--BILL THOMPSON

STATION BREAK

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P.O. Box 514
Buffalo, NY 14205-0514

WTFDA member ads only. Items may be edited to conserve space.

FOR SALE - Drake ESR 24 satellite receiver w/stereo processor, mint condition; MTI 4100 antenna controller; MA/COM Videocipher 2000 descrambler (de-activated); 85-degree LNA; everything but dish and cables - \$795. Contact Glenn Jacobs - RD 1 Box 1508 - Moscow PA 18444

INFO WANTED - N4VA would like to know if any other WTFDA members are active on the 6 meter (50 MHz) amateur band. Also interested in hearing from 30 - 50 MHz DXers. Larry Vogt - 8103 Sherbrooke Ct - Springfield VA 22152-3360

WANTED - Donations of antenna-making books, and used editions of World Radio-TV Handbook. Due to high expense, no where else is it possible to get copies here in Bangladesh. Mr. Taimur Rahman - General Secretary - International Radio Listener Club - Konabary, P.O. Nii-Nagor, Dhaka, BANGLADESH

YOUR non-commercial ad can appear in the VUD free of charge! Got a piece of DX gear you'd like to sell? Looking for something? Advertise in STATION BREAK. This feature appears on a space available basis. WTFDA and the VHF-UHF DIGEST assume no responsibility for any claims made by advertisers--our trust is implicit, as fellow DXers.

SPECIAL REPORT

Transatlantic E skip observed
by DX-er in Netherlands!

For the last five years or so, I have been quite active DX-ing in the VHF portion of the spectrum, in many ways: TV in band I, FM from both E- and West Europe, and 2 meters operating. I am also radio-amateur PA3BJN, and I am licensed to work on the shortwave bands, but I still prefer to work on 2 meters. Sporadic E propagation is my favourite one, although of course the openings on 2m are usually short and rare.

Now that the 50 MHz amateur band is also permitted in the U.K. (50-52 MHz), I have built a transverter for this band to become familiar with the propagation. The U.K. is a bit too close to my location for regular Es propagation (under 1000 km), but a few openings occurred this season and about 10 crossband (10/6 m) QSO's have been made. The big surprise this season however were the transatlantic Es openings, of a remarkable length and strong signals.

To start with, a small opening occurred on 15-16 June '87, as late as 23.37 to 00.11 UTC! So that is after midnight here. N4AAU was heard from NC, distance 6700km, so must be three-hop! A very good opening was received 19th of June, from about 1900-2015 UTC. On 50 MHz, many stations from the North-Eastern USA and Canada were heard, with amazing strength. With my converter, I heard video and sound from A-channels up to A5! I could not get a viewable picture from A2. By adjusting the vertical hold, I can synchronize on system M stations, but the signals were fading and interfering too much with each other. A3 is impossible to see on my location, because our main TV-station is on E4, only 45 km away. Via the converter, I can hear the carriers however.

Finally, a similar opening occurred on 21st of July, with dead intervals, from 20.30 to 23.15 UTC. I concentrated on 50 MHz because I wanted to make a crossband QSO. It's a pity that so many stations forget to listen on 10m, with so many UK stations available directly!

At this moment, 50 MHz is under no circumstance permitted for amateurs in the Netherlands. Main problem are the many cable-systems using E2, including the system in my location. I can imagine very well that my 50 MHz signals would leak in to many TV-sets!

However, I think there is a very slow trend in Europe to leave E2. As you will know, the U.K. left VHF entirely and France no longer has stations in the lower portion of band I. Tampere, FINLAND and Hörby, SWEDEN left E2. US DX-ers will certainly regret this, as I suppose E3 and E4 are covered with local stations there. But anyway, it happens very slow and maybe some stations will never leave E2. And there is still the enormous amount of stations on R1 (Disturbing 50 MHz vezy much by the way!).

I wonder what US and Canadian DX-ers see during such openings. I always thought transatlantic TV-signals only were possible via F2 in a sunspot maximum, but thanks to the 50 MHz amateur-band it appears that multihop-Es is not so rare at all. 73 and good DX!

Hans v.d. Heijden
Titus Brandsmalaan 16
5342 ES Oss
NETHERLANDS

ANTENNA NEWS

RICH WERTMAN
315 Pine Street
Lockport, NY 14094
(716) 434-3988

Just when you thought you had seen everything available in remote control Channel Master decided to make us all lazier! I just received a demo, display and info on the newest line of CM's Colorotor series, the #9520. After playing with the demo I decided to order one up for myself. This one's definitely going to be one hot seller for CM.

To start off with the unit uses infrared remote controlling that requires a 9 volt battery in both the remote and the control box (for memory back up). The memory is a microprocessor design. There's 11 memorized settings which are lettered A through K... and programming the unit can be accomplished by the average 5 year old!



One handy item is the synchronization button which when activated will return your antenna to its proper alignment. This is especially helpful after a good wind. The sync button will not cure loose mast or rotor clamps however! There is a display button which will let you see where your antenna is at presently by simply pressing the DSPL button.

The new control box features an LED compass dial display which will indicate what your antenna is doing under any function. No more noisy motorized control box; however the unit uses the all familiar rotor motor outside as they always have. There are also simple east-west arrow type buttons which will carry the antenna either way to its north end stops. New hi-fi push type connections are employed on the control box, and it still requires 3 conductor wire.

Sometimes I like keeping the best for last and this time I did. This unit can be wired to any 1 RPM rotor motor, regardless of whether they use 5 wires or less. I don't believe it would be compatible to Telex rotors. CM encloses a cross reference list for such rotors as Alliance U-98s, U-100 & 110s; Crowns; Monkey Wards; Sears; Radio Shacks; etc. The patent on the unit is pending, however I'm sure that'll go through quick.

I personally like this unit a lot and all I've done is use it to test old rotor motors on my work bench! I believe the unit will do quite well and it should be a real help to people confined to wheelchairs or etc. The unit is available 2 ways: either just the controller and the remote OR the motor, controller, and remote. At present there is a slight shortage on some of these but I'm sure CM will catch up. I'd say that on a scale of 0-10 I would rate this one a definite 10...and I would highly recommend it to anyone!

If you would like more info on this unit drop me a note and a self addressed stamped envelope. I'll also be dealing in both setups if anybody's interested. Drop a line and I'll get a reply to you ASAP. That's all for now.

--Rich



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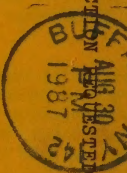
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